

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015759.D
 Acq On : 29 Sep 2023 17:24
 Operator : SY/MD
 Sample : VY0929SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 01:14:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	167818	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	284481	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	260682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83687	45.323	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.640%
35) Dibromofluoromethane	7.728	113	74827	43.946	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.185	98	264543	45.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.489	95	99050	43.718	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	16667	15.067	ug/l	100
3) Chloromethane	2.119	50	19634	14.069	ug/l	99
4) Vinyl Chloride	2.253	62	24108	15.109	ug/l	95
5) Bromomethane	2.656	94	18574	14.073	ug/l	97
6) Chloroethane	2.796	64	16789	14.196	ug/l	98
7) Trichlorofluoromethane	3.125	101	52636	19.670	ug/l	99
8) Diethyl Ether	3.540	74	19257	16.875	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	28019	16.723	ug/l	94
10) Methyl Iodide	4.094	142	24688	14.575	ug/l	98
11) Tert butyl alcohol	5.033	59	42268	75.764	ug/l	100
12) 1,1-Dichloroethene	3.875	96	22211	15.044	ug/l	91
13) Acrolein	3.747	56	17460	61.744	ug/l	98
14) Allyl chloride	4.485	41	43658	16.173	ug/l	93
15) Acrylonitrile	5.180	53	84563	101.015	ug/l	99
16) Acetone	3.979	43	116872	118.274	ug/l	92
17) Carbon Disulfide	4.198	76	33053	11.524	ug/l	98
18) Methyl Acetate	4.497	43	64463	19.443	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	107499	17.877	ug/l	99
20) Methylene Chloride	4.722	84	49191	19.808	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	26345	15.611	ug/l	90
22) Diisopropyl ether	6.131	45	113507	17.472	ug/l	98
23) Vinyl Acetate	6.076	43	360468	89.897	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	59935	16.926	ug/l	96
25) 2-Butanone	7.009	43	149415	106.976	ug/l	98
26) 2,2-Dichloropropane	6.990	77	50876	15.720	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	36760	16.408	ug/l	96
28) Bromochloromethane	7.344	49	22329	23.243	ug/l	99
29) Tetrahydrofuran	7.368	42	82483	104.484	ug/l	94
30) Chloroform	7.515	83	66172	17.450	ug/l	98
31) Cyclohexane	7.795	56	38259	14.957	ug/l #	86
32) 1,1,1-Trichloroethane	7.716	97	53487	17.086	ug/l	99
36) 1,1-Dichloropropene	7.929	75	39649	15.749	ug/l	98
37) Ethyl Acetate	7.094	43	56170	22.368	ug/l	98
38) Carbon Tetrachloride	7.911	117	45337	16.590	ug/l	99
39) Methylcyclohexane	9.191	83	41061	14.746	ug/l	95
40) Benzene	8.173	78	124783	16.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20980	15.516	ug/l	92
42) 1,2-Dichloroethane	8.246	62	46035	17.508	ug/l	94
43) Isopropyl Acetate	8.283	43	83577	19.484	ug/l	98
44) Trichloroethene	8.947	130	36858	17.188	ug/l	98
45) 1,2-Dichloropropane	9.222	63	36914	17.241	ug/l	91
46) Dibromomethane	9.313	93	24562	17.934	ug/l	94
47) Bromodichloromethane	9.508	83	53750	17.607	ug/l	99
48) Methyl methacrylate	9.301	41	36551	19.412	ug/l	91
49) 1,4-Dioxane	9.331	88	12859	475.259	ug/l #	83
51) 4-Methyl-2-Pentanone	10.081	43	279424	105.095	ug/l	94
52) Toluene	10.252	92	83464	16.863	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	56364	17.218	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	59816	16.975	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	37125	18.497	ug/l	98
56) Ethyl methacrylate	10.520	69	53752	18.173	ug/l	89
57) 1,3-Dichloropropane	10.794	76	61067	18.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	67668	72.024	ug/l	96
59) 2-Hexanone	10.837	43	229005	112.266	ug/l	92
60) Dibromochloromethane	10.990	129	41613	17.761	ug/l	99
61) 1,2-Dibromoethane	11.093	107	35810	18.238	ug/l	99
64) Tetrachloroethene	10.727	164	40655	18.177	ug/l	98
65) Chlorobenzene	11.520	112	98738	17.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	40374	18.266	ug/l	97
67) Ethyl Benzene	11.599	91	168878	16.980	ug/l	100
68) m/p-Xylenes	11.709	106	128185	33.909	ug/l	96
69) o-Xylene	12.038	106	63236	17.059	ug/l	98
70) Styrene	12.050	104	111399	17.557	ug/l	96
71) Bromoform	12.215	173	29898	18.666	ug/l #	99
73) Isopropylbenzene	12.337	105	170748	17.081	ug/l	99
74) N-amyl acetate	12.148	43	71860	19.127	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	53263	19.146	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	71028	33.412	ug/l #	100
77) Bromobenzene	12.611	156	42483	17.314	ug/l	92
78) n-propylbenzene	12.678	91	208030	17.130	ug/l	99
79) 2-Chlorotoluene	12.764	91	119228	17.224	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	142628	17.044	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	17922	18.985	ug/l	96
82) 4-Chlorotoluene	12.861	91	123717	17.120	ug/l	100
83) tert-Butylbenzene	13.081	119	127744	17.429	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	144735	17.286	ug/l	98
85) sec-Butylbenzene	13.257	105	192838	17.581	ug/l	100
86) p-Isopropyltoluene	13.373	119	160728	17.542	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	85817	17.629	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	87356	17.943	ug/l	98
89) n-Butylbenzene	13.702	91	153437	17.685	ug/l	98
90) Hexachloroethane	13.965	117	31395	17.754	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	81447	18.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11558	20.918	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	51467	18.193	ug/l	98
94) Hexachlorobutadiene	15.117	225	27277	18.828	ug/l	98
95) Naphthalene	15.239	128	147645	20.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49382	18.913	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

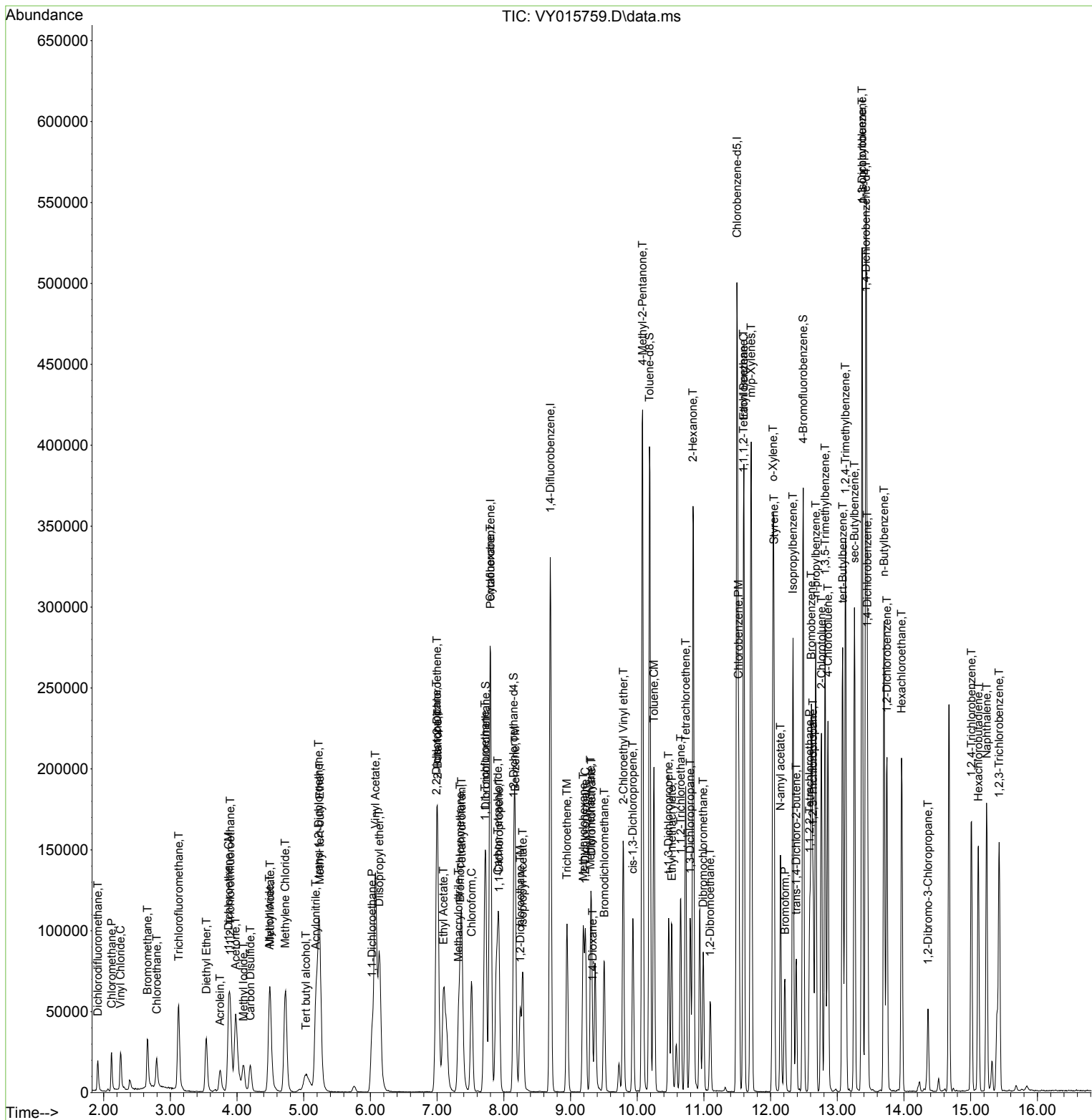
Instrument :
MSVOA_Y
ClientSampleId :

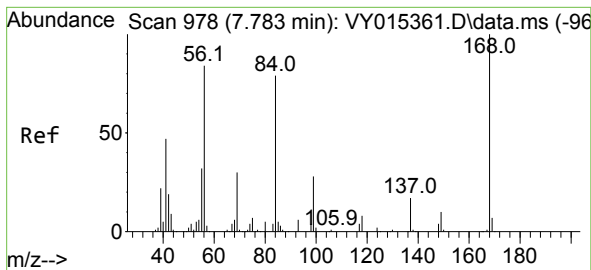
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.018 min

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Instrument :

MSVOA_Y

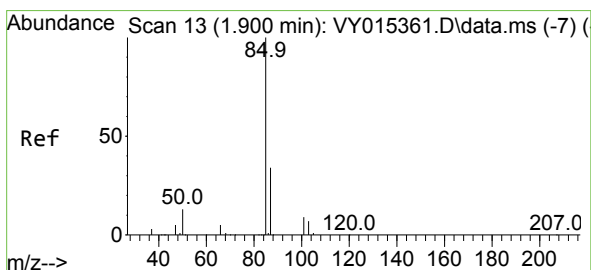
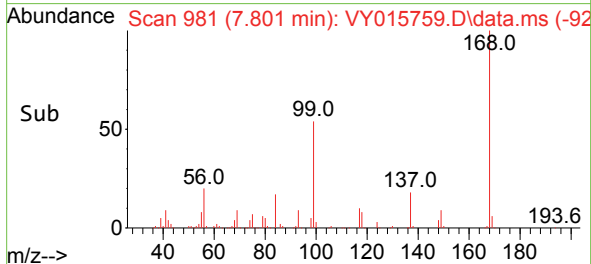
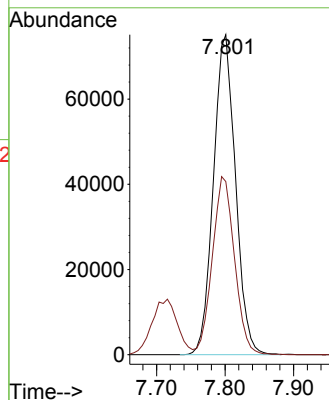
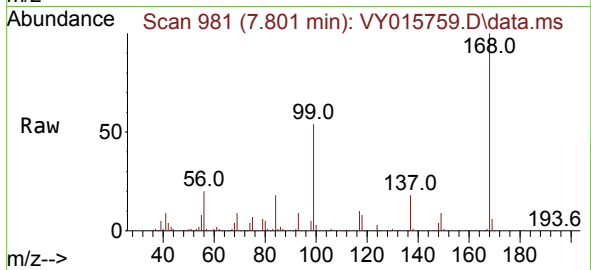
ClientSampleId :

Tgt Ion:168 Resp: 167818

Ion Ratio Lower Upper

168 100

99 54.0 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 15.067 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015759.D

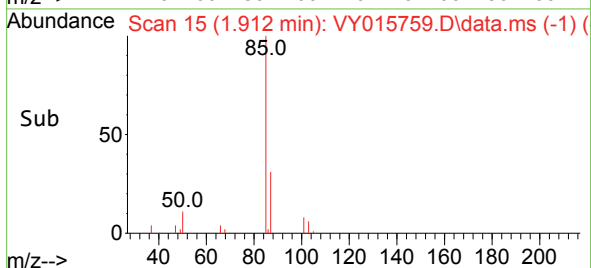
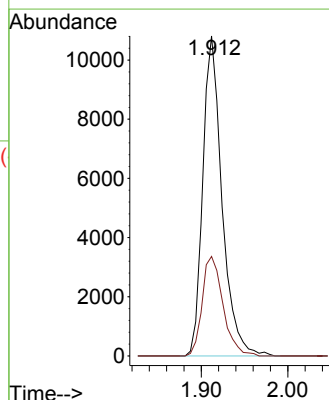
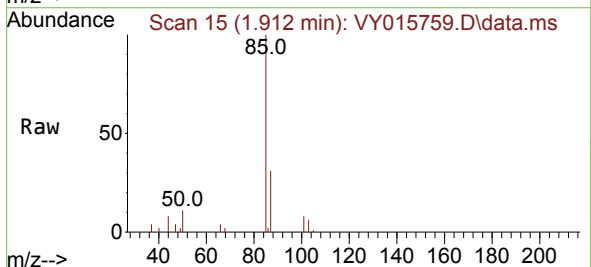
Acq: 29 Sep 2023 17:24

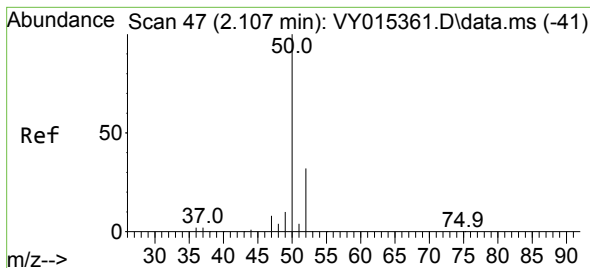
Tgt Ion: 85 Resp: 16667

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8





#3

Chloromethane

Concen: 14.069 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

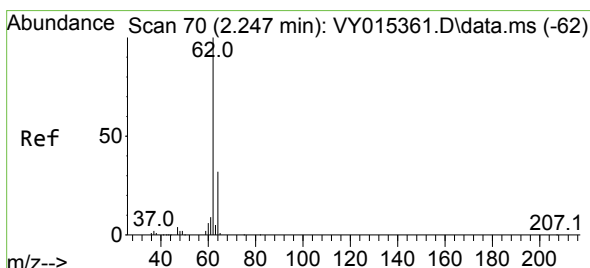
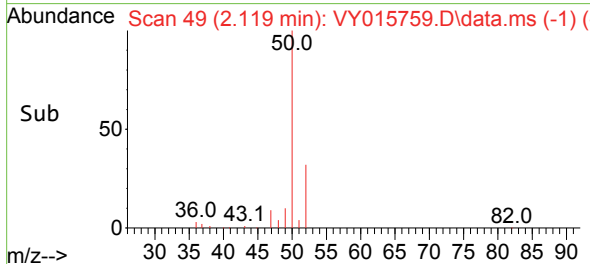
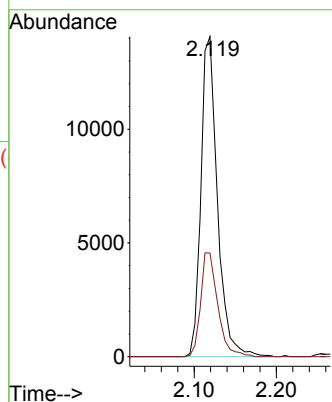
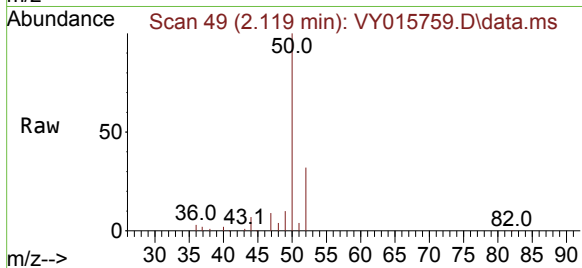
ClientSampleId :

Tgt Ion: 50 Resp: 19634

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 15.109 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015759.D

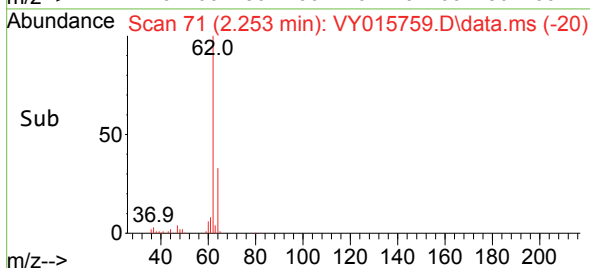
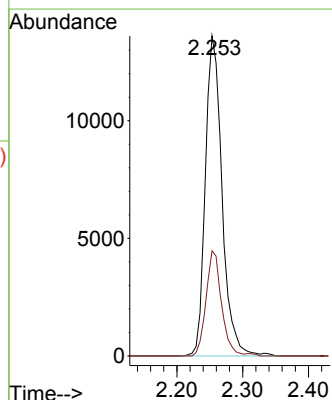
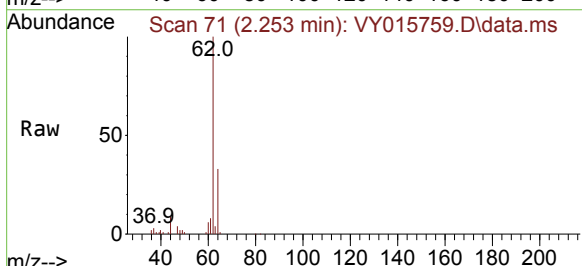
Acq: 29 Sep 2023 17:24

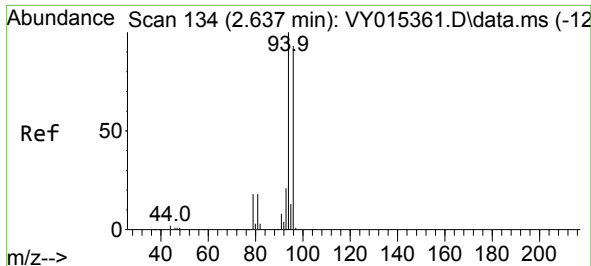
Tgt Ion: 62 Resp: 24108

Ion Ratio Lower Upper

62 100

64 32.9 24.3 36.5

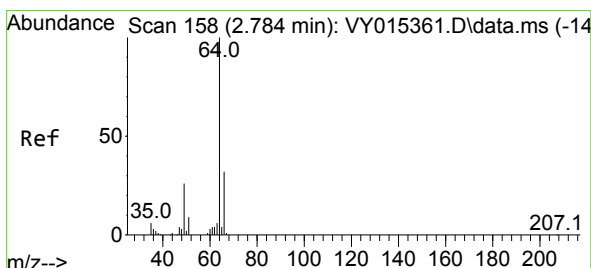
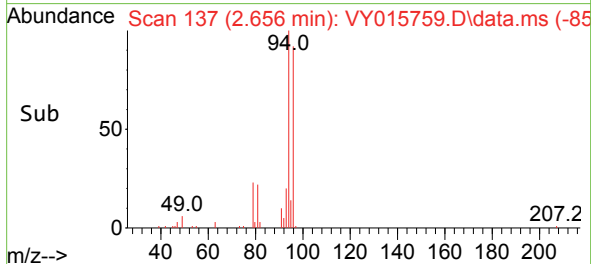
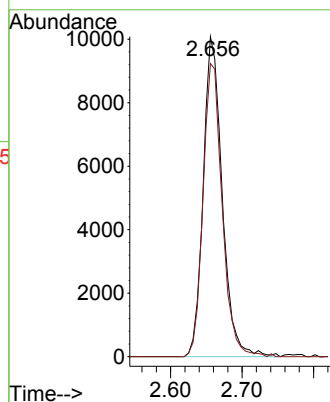
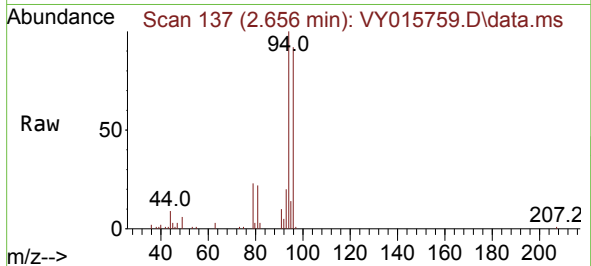




#5
Bromomethane
Concen: 14.073 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

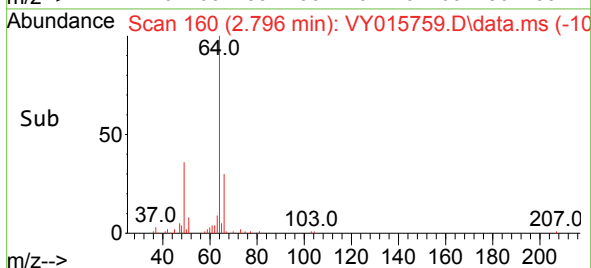
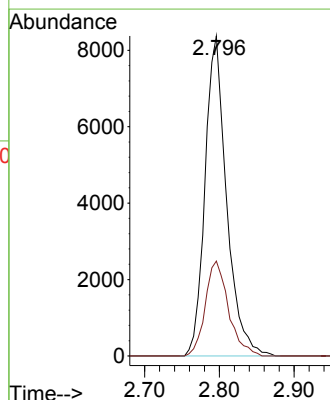
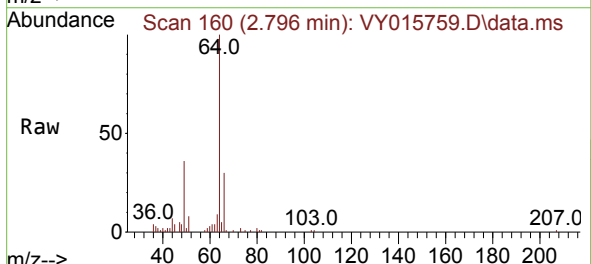
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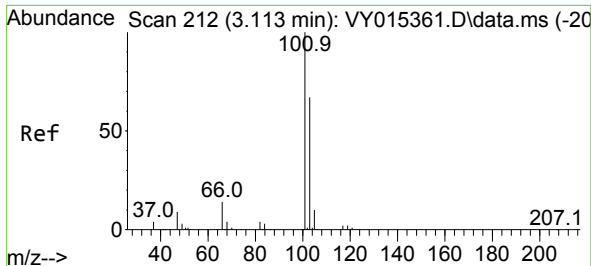
Tgt Ion: 94 Resp: 18574
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6



#6
Chloroethane
Concen: 14.196 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 64 Resp: 16789
Ion Ratio Lower Upper
64 100
66 29.6 24.4 36.6

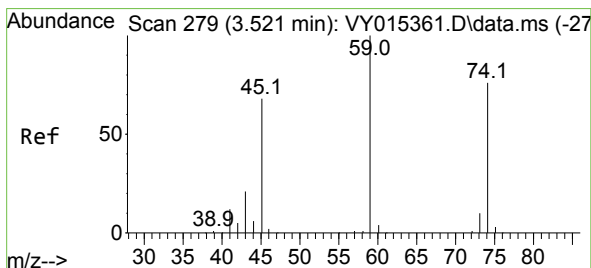
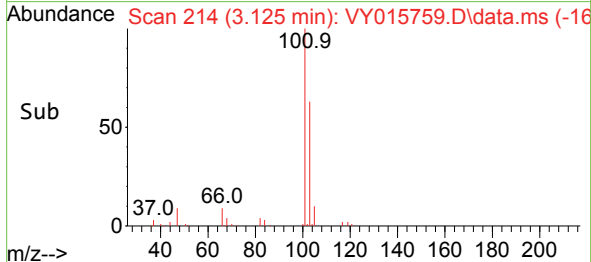
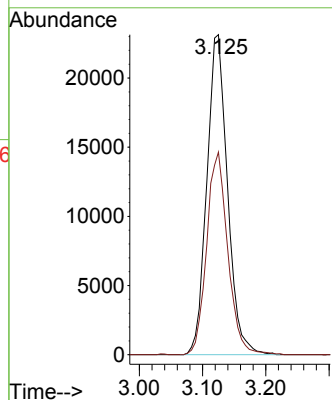
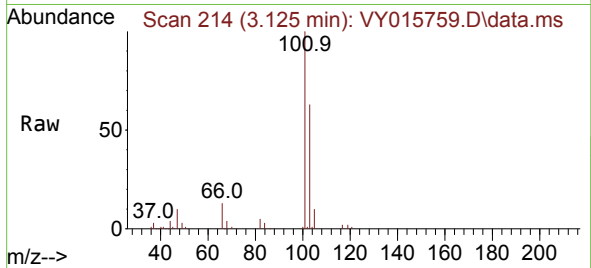




#7
Trichlorofluoromethane
Concen: 19.670 ug/l
RT: 3.125 min Scan# 212
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

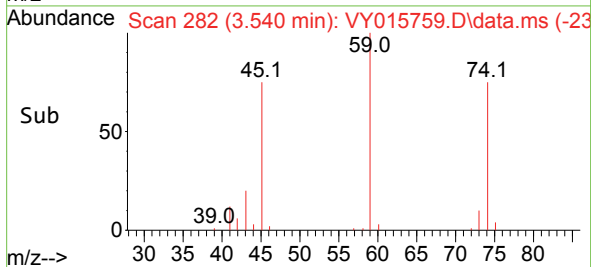
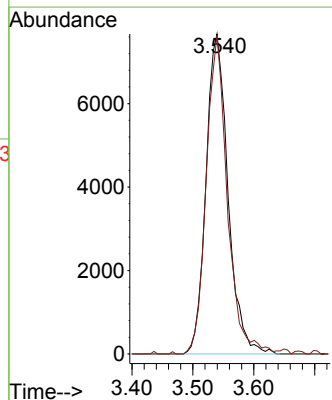
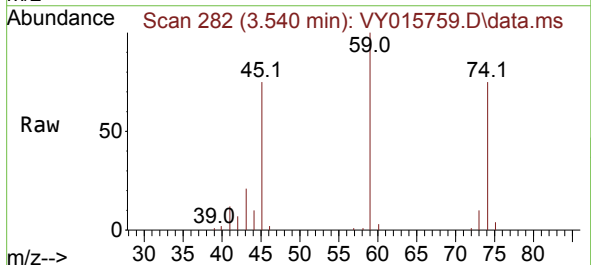
Instrument :
MSVOA_Y
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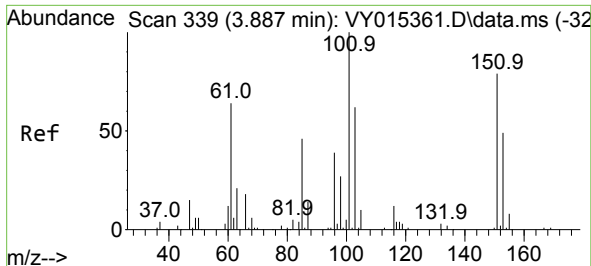
Tgt Ion:101 Resp: 52636
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0



#8
Diethyl Ether
Concen: 16.875 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.019 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 74 Resp: 19257
Ion Ratio Lower Upper
74 100
45 95.6 51.5 154.5

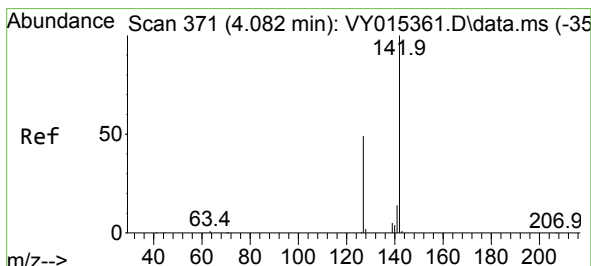
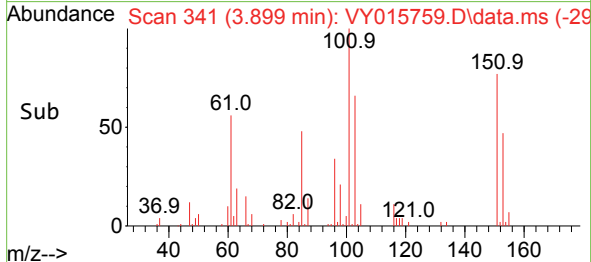
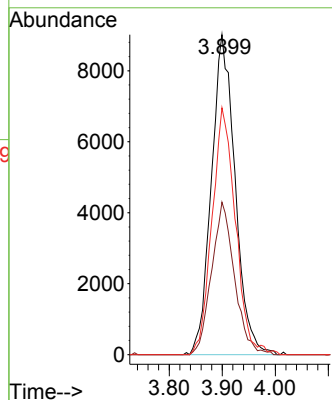
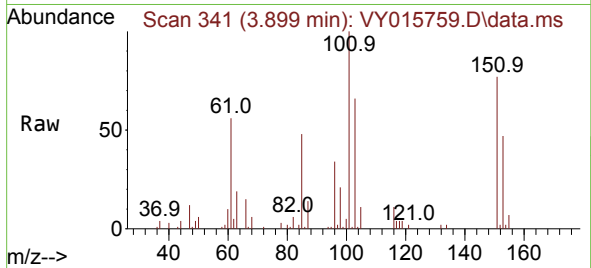




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.723 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

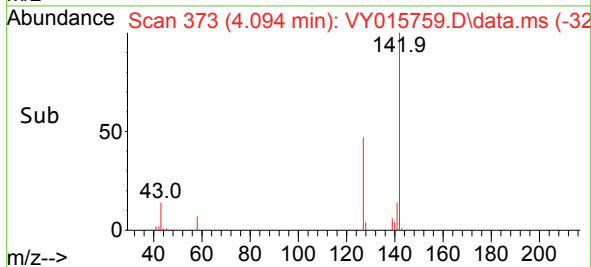
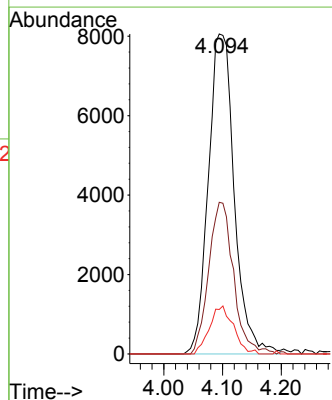
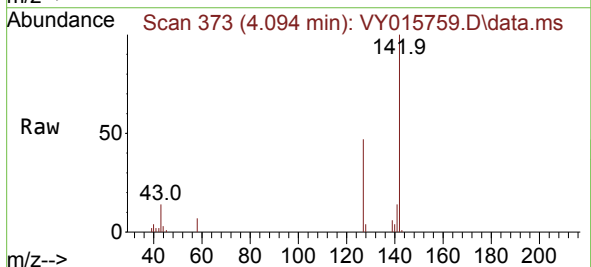
Instrument :
MSVOA_Y
ClientSampleId :

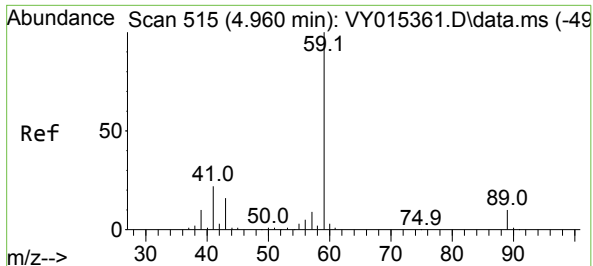
Tgt Ion:101 Resp: 28019
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 76.3 67.0 100.6



#10
Methyl Iodide
Concen: 14.575 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion:142 Resp: 24688
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 13.9 11.8 17.8

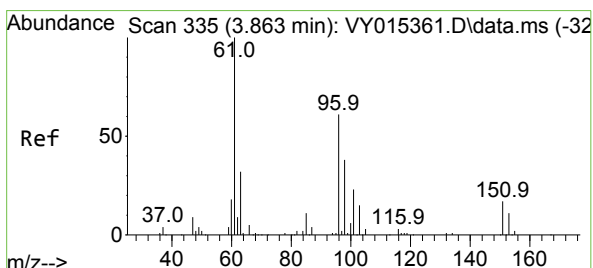
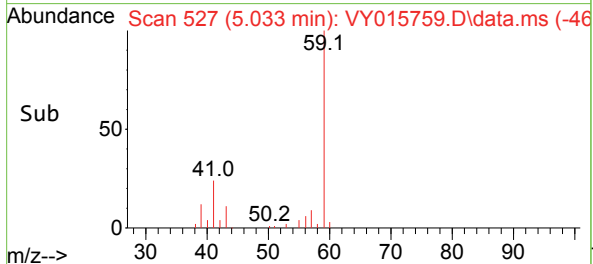
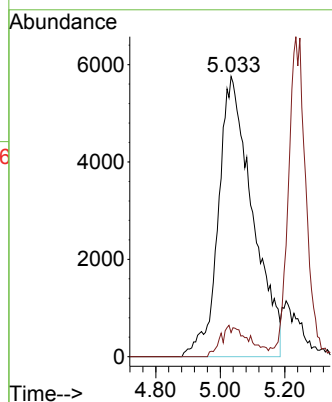
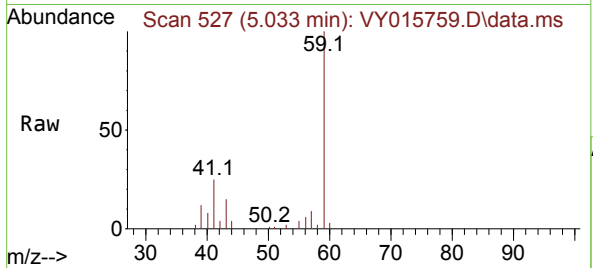




#11
Tert butyl alcohol
Concen: 75.764 ug/l
RT: 5.033 min Scan# 51
Delta R.T. 0.079 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

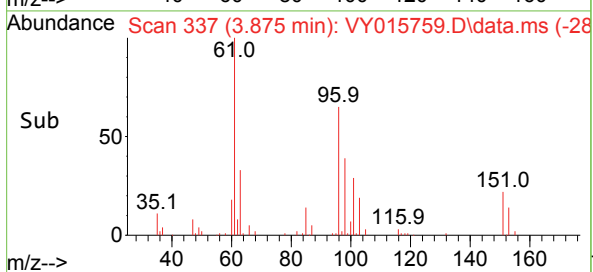
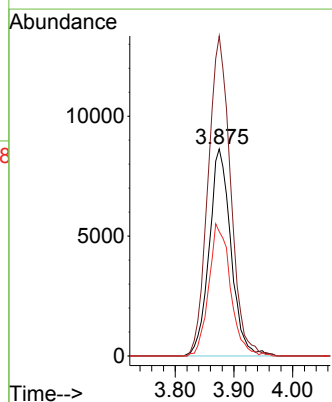
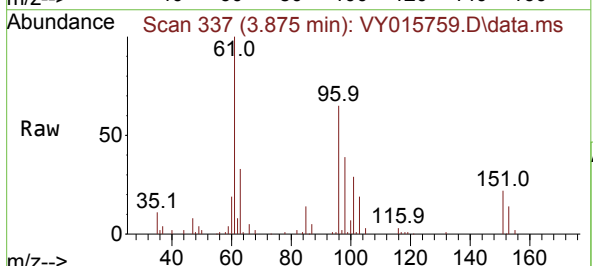
Instrument :
MSVOA_Y
ClientSampleId :

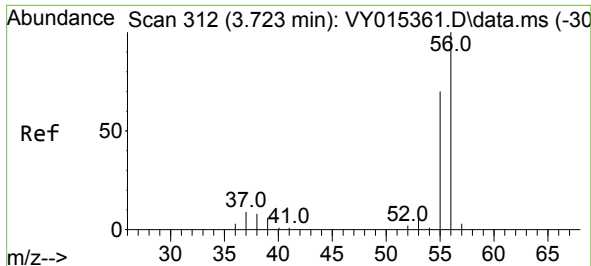
Tgt Ion: 59 Resp: 42268
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.4



#12
1,1-Dichloroethene
Concen: 15.044 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 96 Resp: 22211
Ion Ratio Lower Upper
96 100
61 154.5 136.4 204.6
98 60.1 49.4 74.2





#13

Acrolein

Concen: 61.744 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.024 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

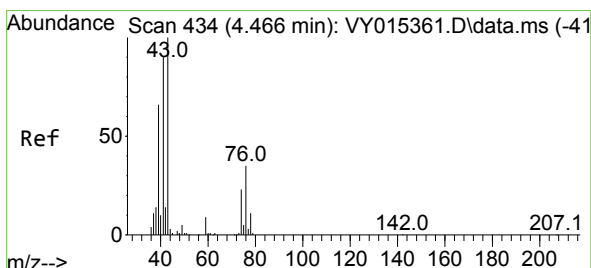
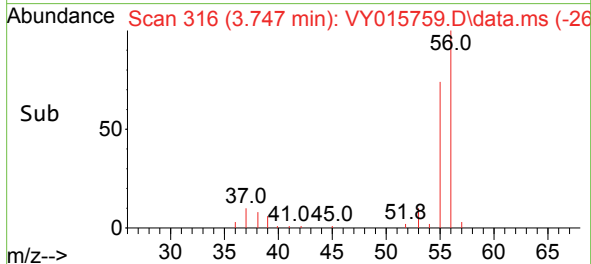
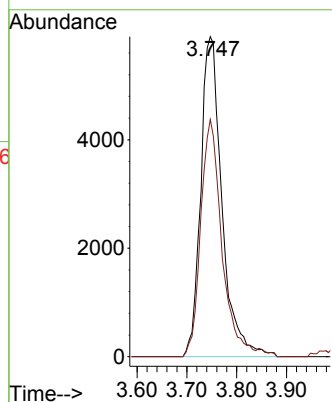
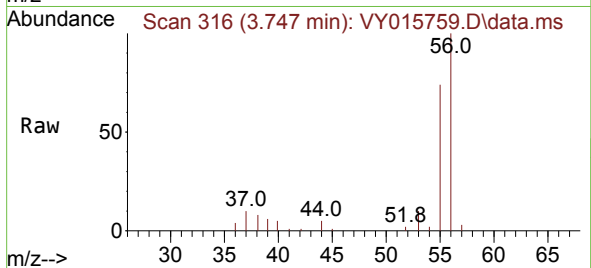
ClientSampleId :

Tgt Ion: 56 Resp: 17460

Ion Ratio Lower Upper

56 100

55 73.2 57.0 85.4



#14

Allyl chloride

Concen: 16.173 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

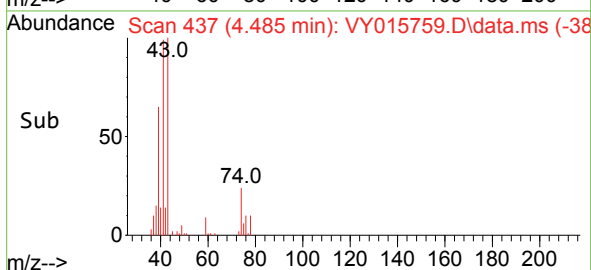
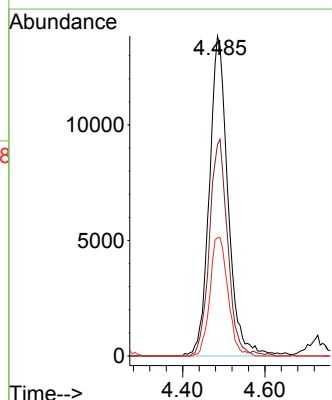
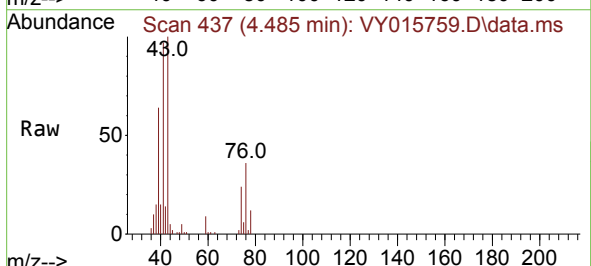
Tgt Ion: 41 Resp: 43658

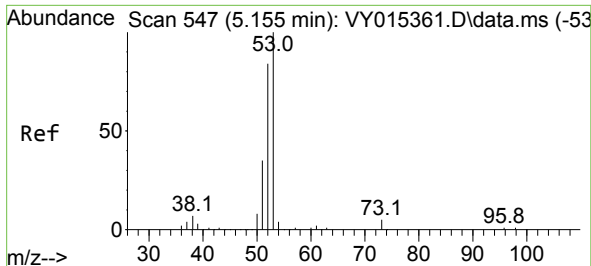
Ion Ratio Lower Upper

41 100

39 65.4 58.0 87.0

76 35.9 27.4 41.2

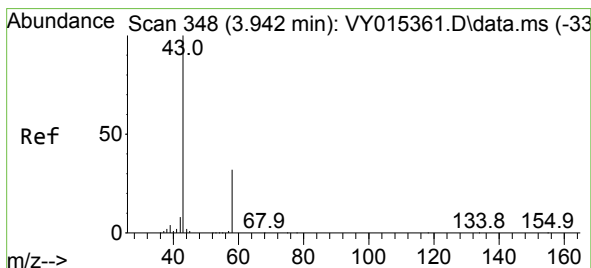
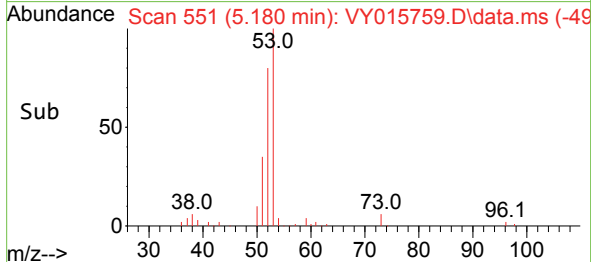
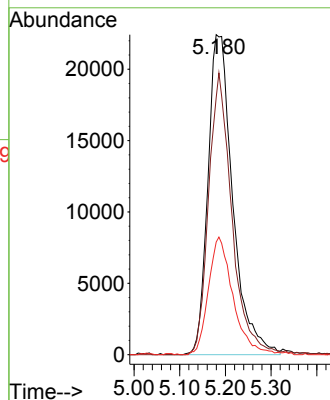
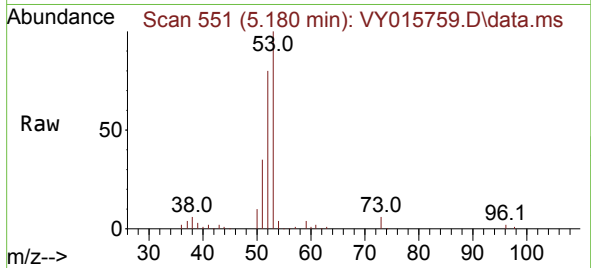




#15
Acrylonitrile
Concen: 101.015 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

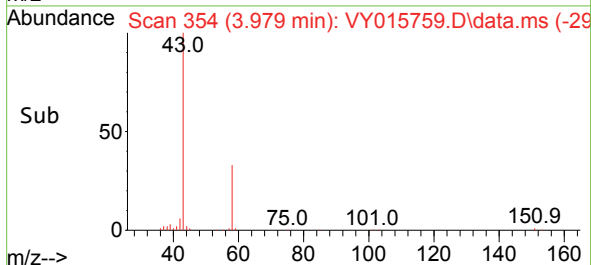
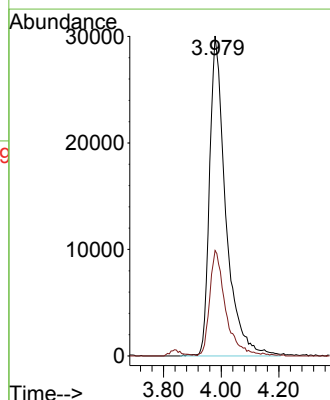
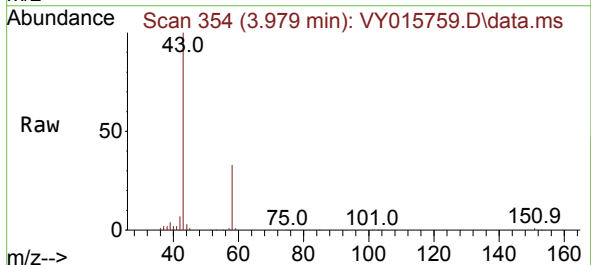
Instrument :
MSVOA_Y
ClientSampleId :

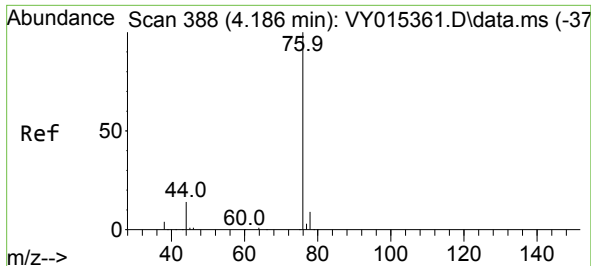
Tgt Ion: 53 Resp: 84563
Ion Ratio Lower Upper
53 100
52 82.6 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 118.274 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 43 Resp: 116872
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1





#17

Carbon Disulfide

Concen: 11.524 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

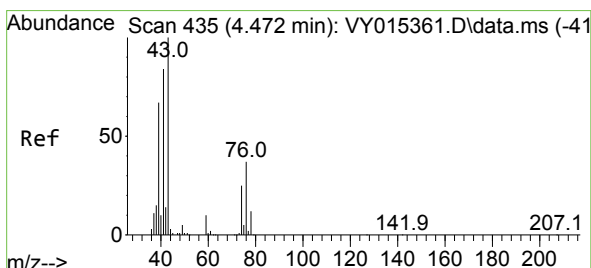
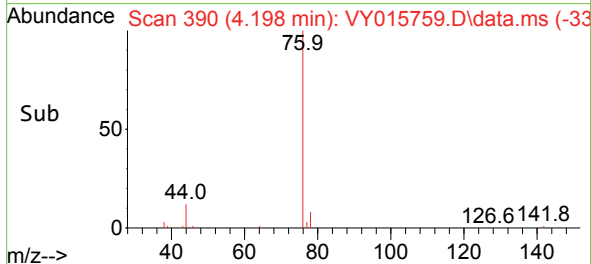
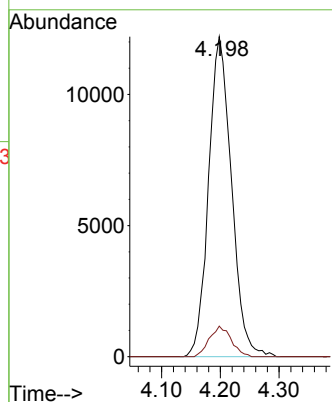
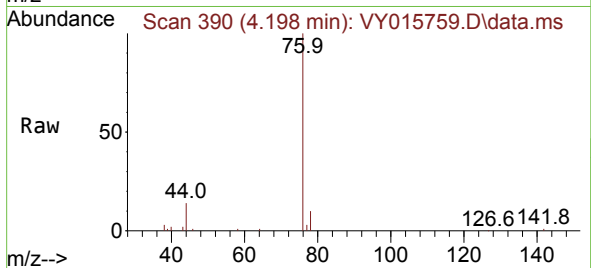
ClientSampleId :

Tgt Ion: 76 Resp: 33053

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 19.443 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.025 min

Lab File: VY015759.D

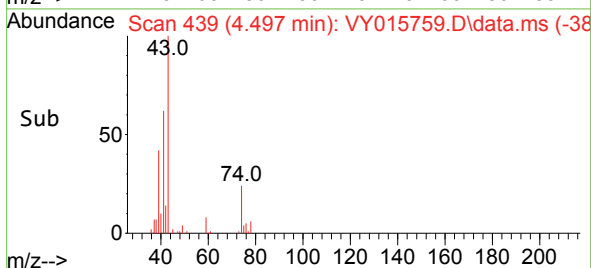
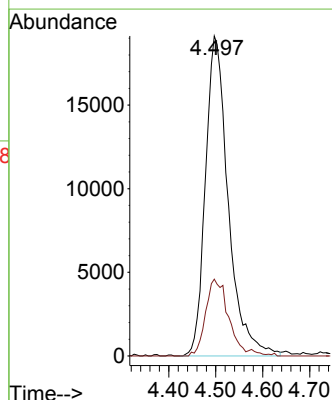
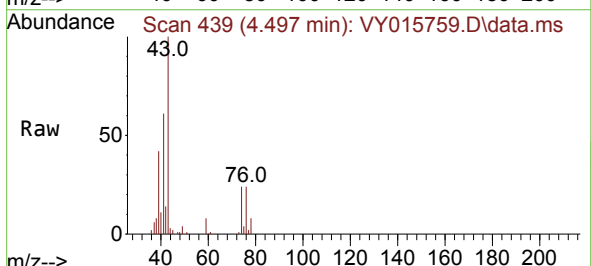
Acq: 29 Sep 2023 17:24

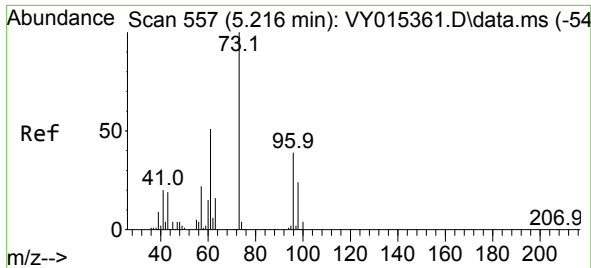
Tgt Ion: 43 Resp: 64463

Ion Ratio Lower Upper

43 100

74 23.6 17.4 26.0

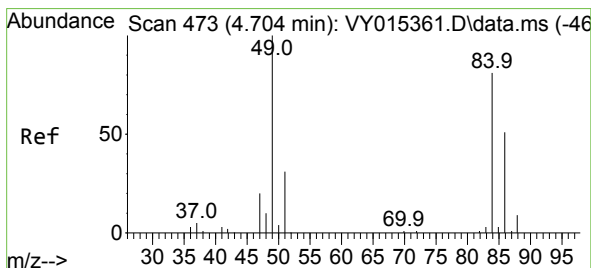
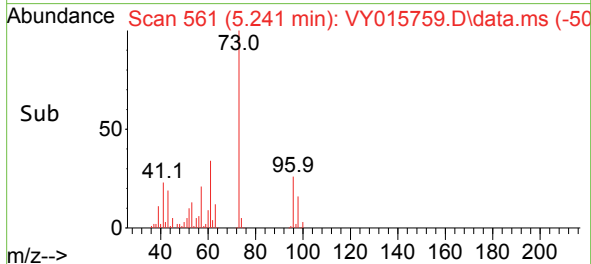
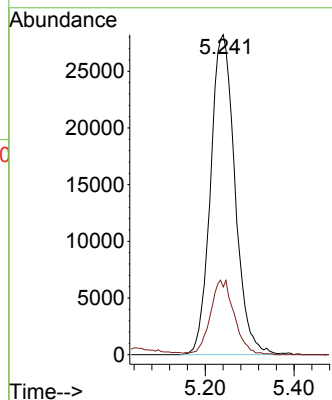
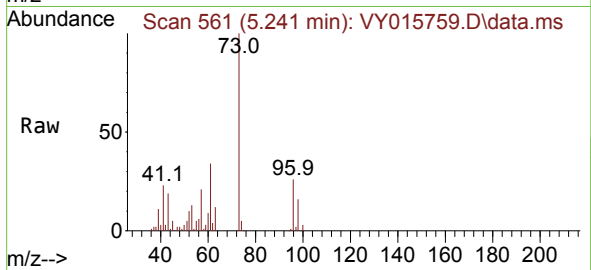




#19
Methyl tert-butyl Ether
Concen: 17.877 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

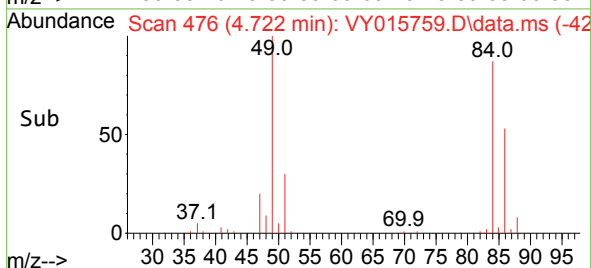
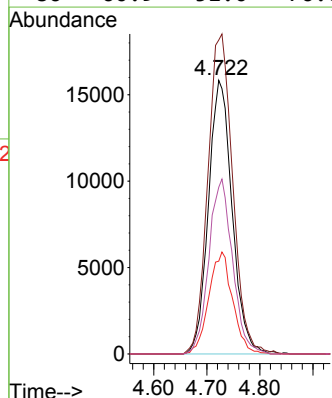
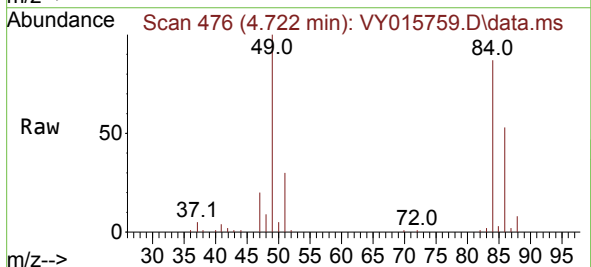
Instrument :
MSVOA_Y
ClientSampleId :

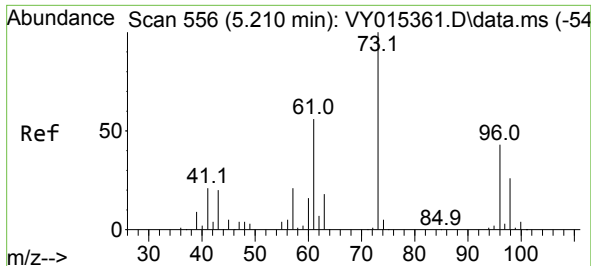
Tgt Ion: 73 Resp: 107499
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 19.808 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 84 Resp: 49191
Ion Ratio Lower Upper
84 100
49 114.7 106.9 160.3
51 33.9 33.2 49.8
86 60.9 51.0 76.6

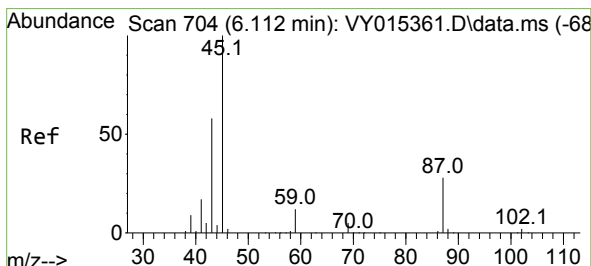
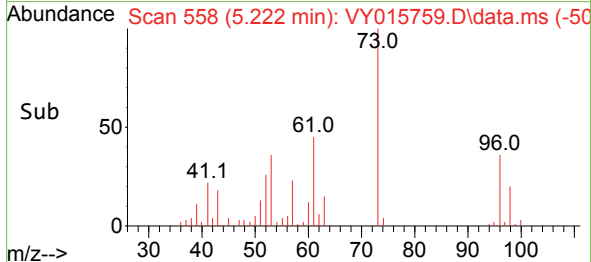
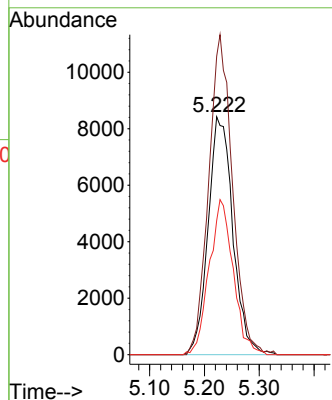
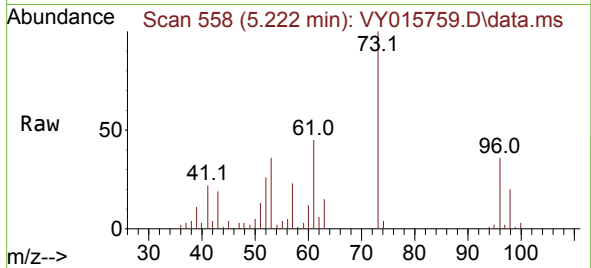




#21
trans-1,2-Dichloroethene
Concen: 15.611 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

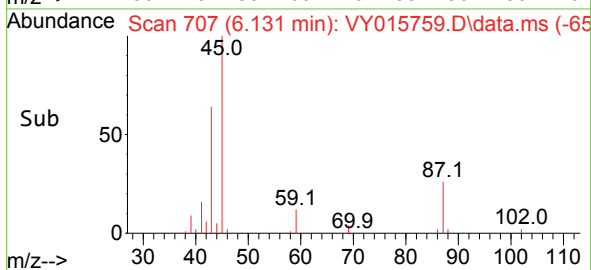
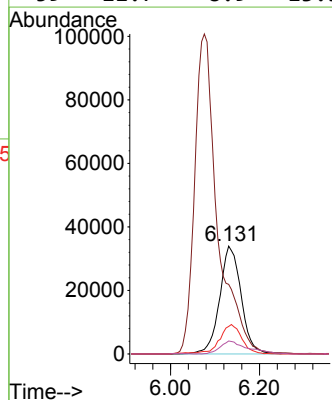
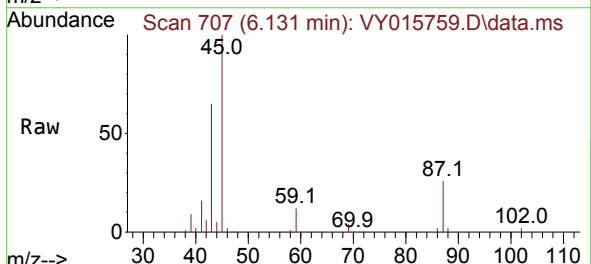
Instrument :
MSVOA_Y
ClientSampleId :

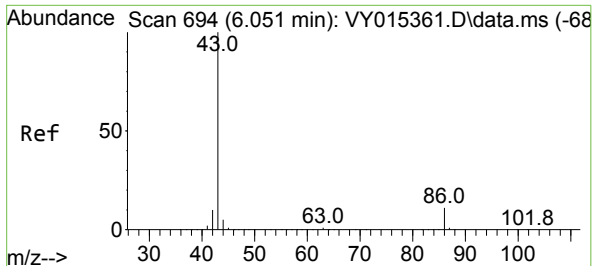
Tgt Ion: 96 Resp: 26345
Ion Ratio Lower Upper
96 100
61 125.4 110.2 165.4
98 56.3 51.8 77.6



#22
Diisopropyl ether
Concen: 17.472 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 45 Resp: 113507
Ion Ratio Lower Upper
45 100
43 63.3 52.2 78.4
87 25.5 21.0 31.6
59 11.7 8.9 13.3

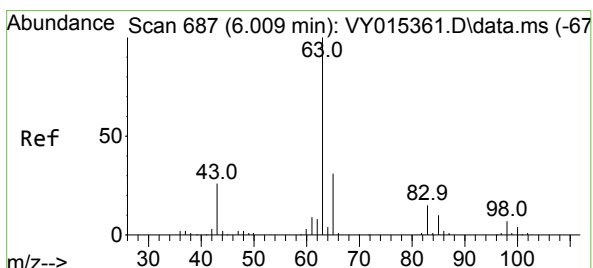
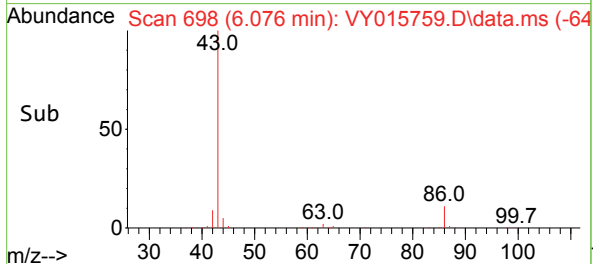
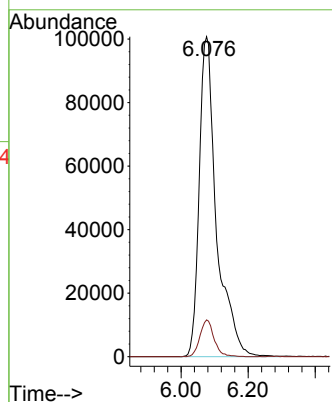
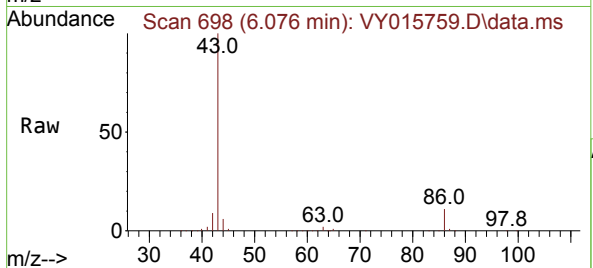




#23
 Vinyl Acetate
 Concen: 89.897 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.025 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

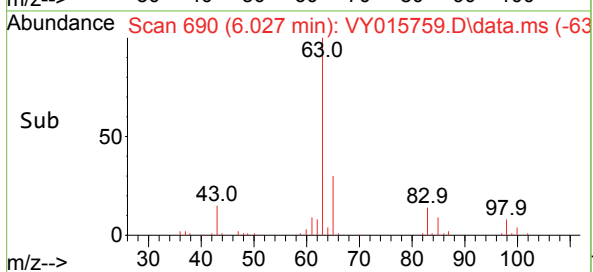
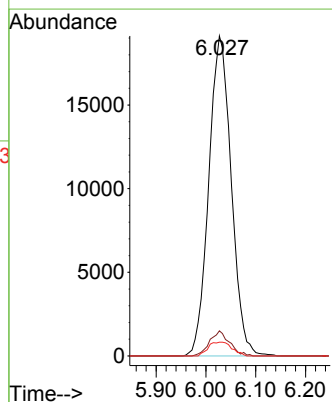
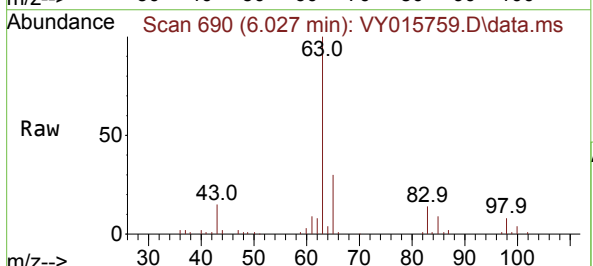
Instrument :
 MSVOA_Y
 ClientSampleId :

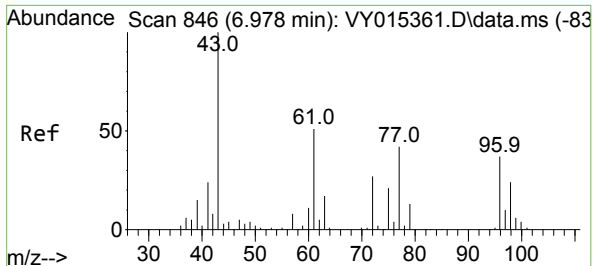
Tgt Ion: 43 Resp: 360468
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 16.926 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

Tgt Ion: 63 Resp: 59935
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.3 1.8 5.5

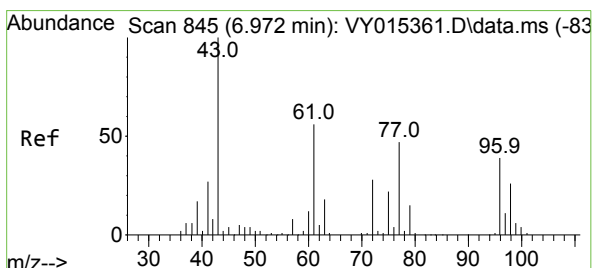
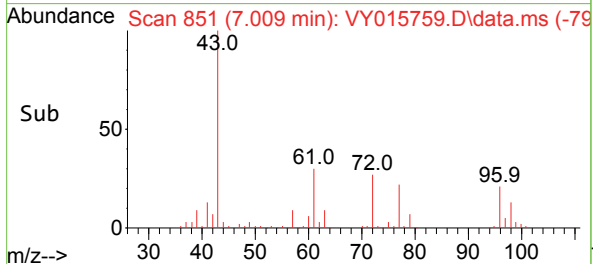
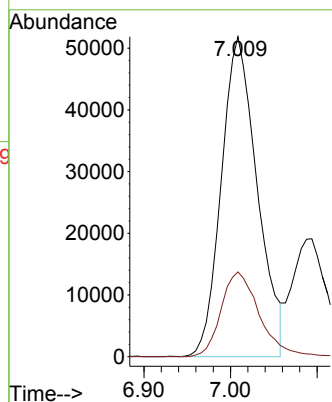
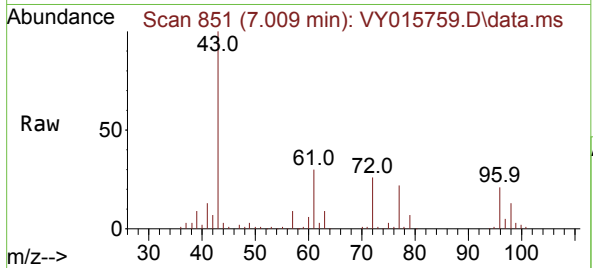




#25
2-Butanone
Concen: 106.976 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

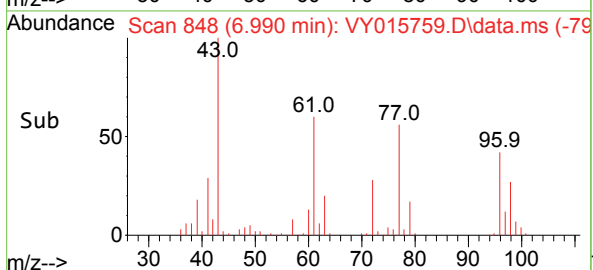
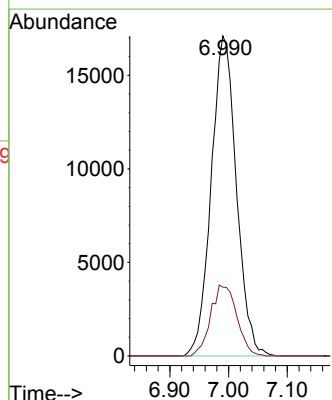
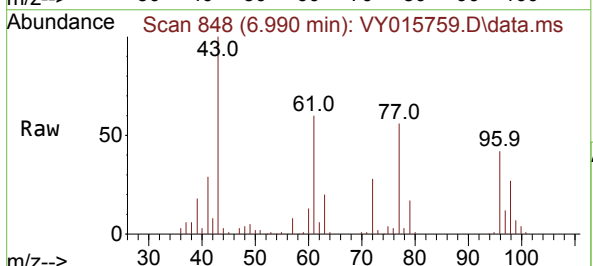
Instrument :
MSVOA_Y
ClientSampleId :

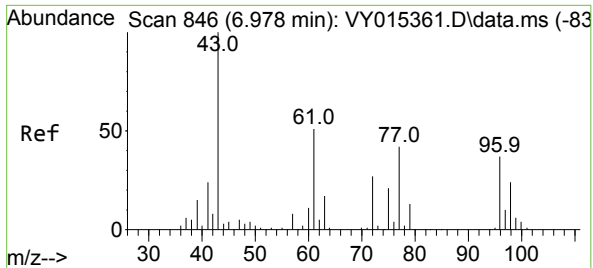
Tgt Ion: 43 Resp: 149415
Ion Ratio Lower Upper
43 100
72 26.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 15.720 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

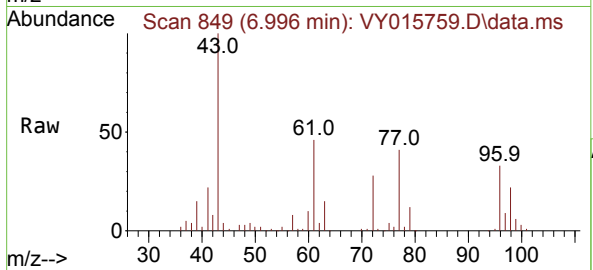
Tgt Ion: 77 Resp: 50876
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9



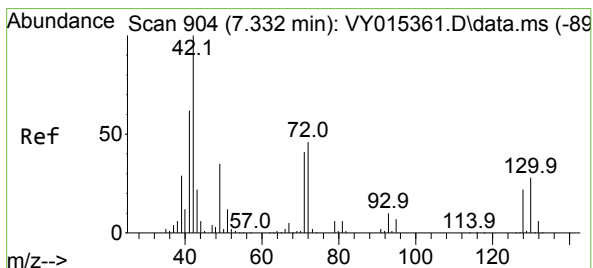
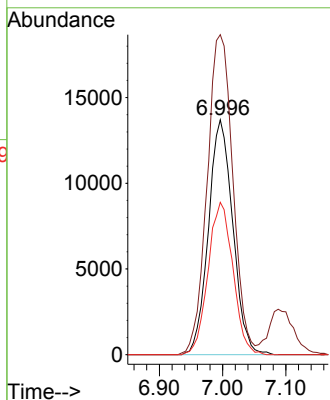
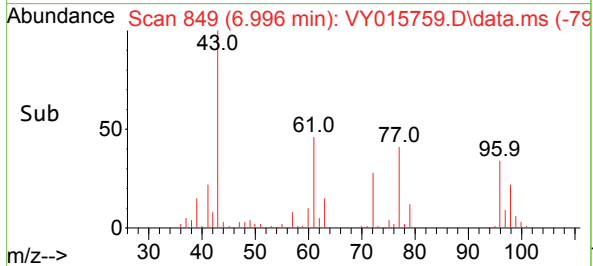


#27
 cis-1,2-Dichloroethene
 Concen: 16.408 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.018 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :

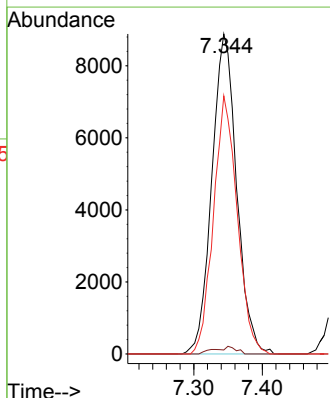
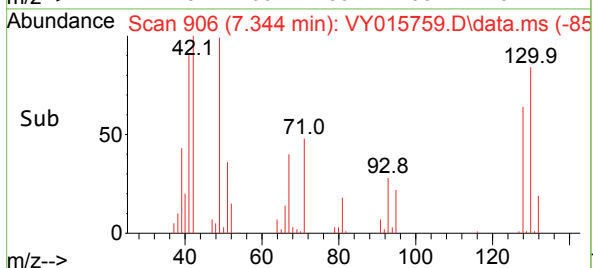
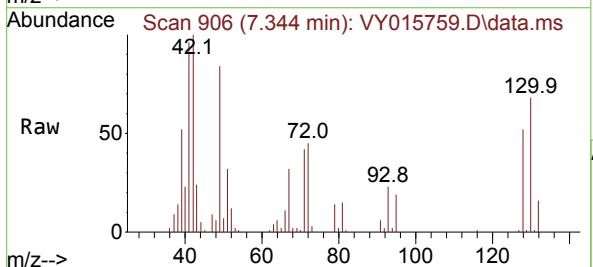


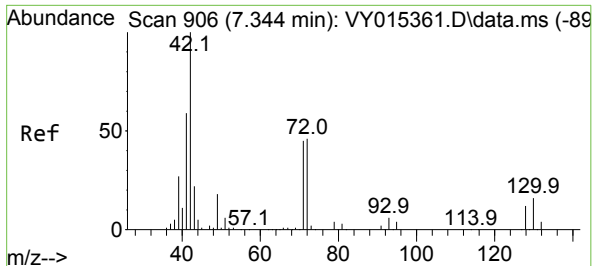
Tgt Ion: 96 Resp: 36760
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 301.4
 98 66.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 23.243 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.018 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

Tgt Ion: 49 Resp: 22329
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 77.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.484 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.024 min

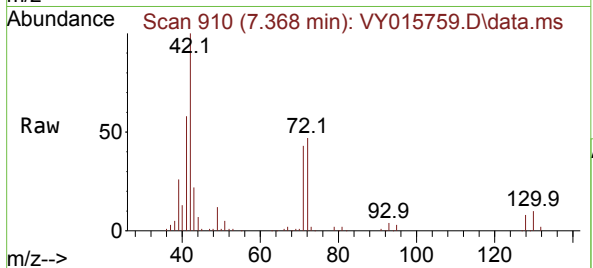
Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :



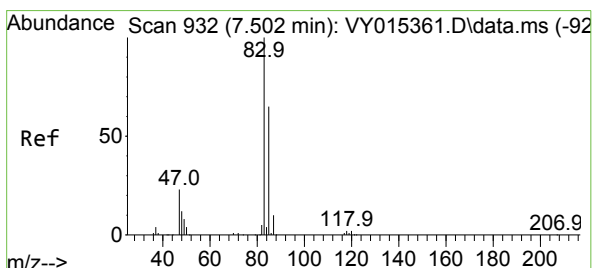
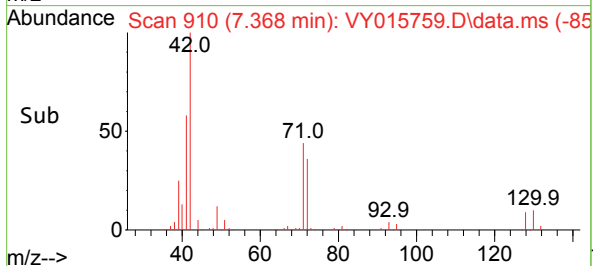
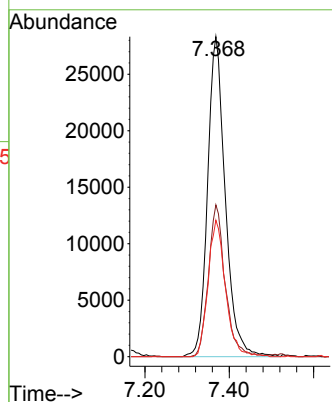
Tgt Ion: 42 Resp: 82483

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 17.450 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.019 min

Lab File: VY015759.D

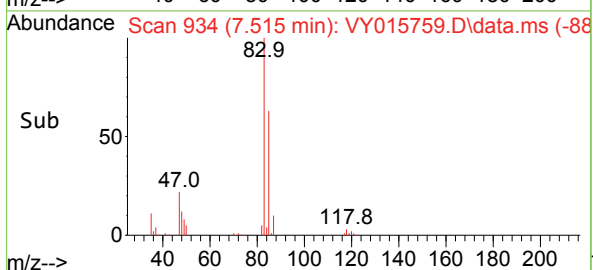
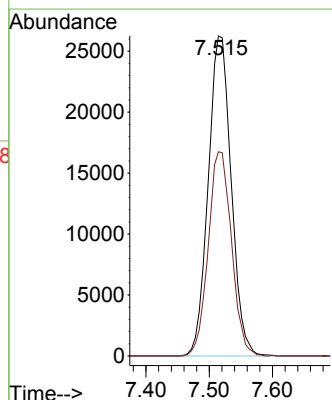
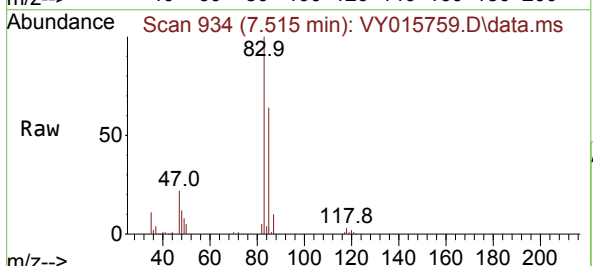
Acq: 29 Sep 2023 17:24

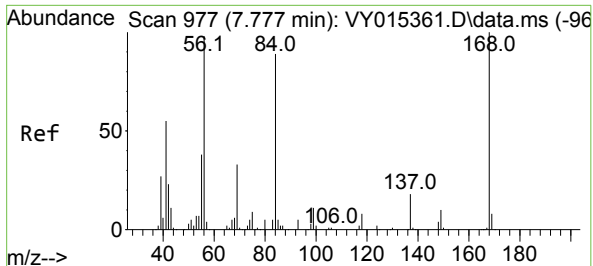
Tgt Ion: 83 Resp: 66172

Ion Ratio Lower Upper

83 100

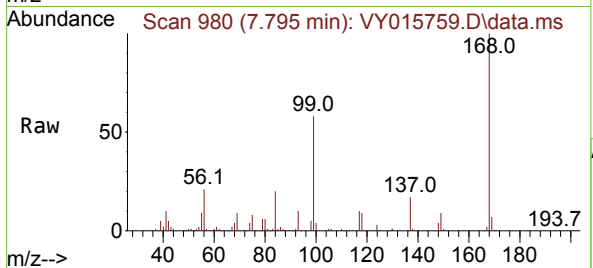
85 63.8 49.7 74.5



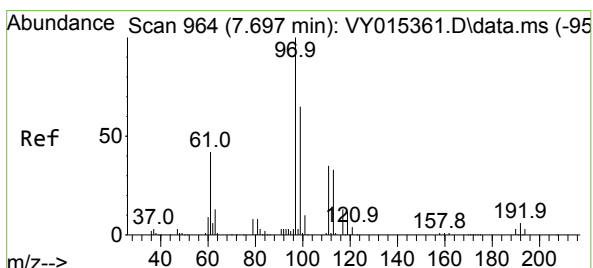
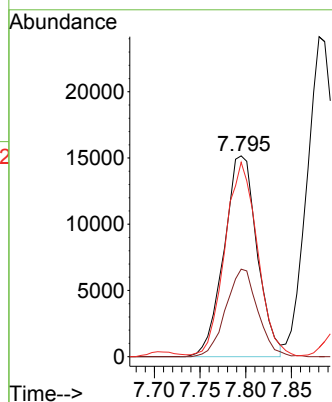
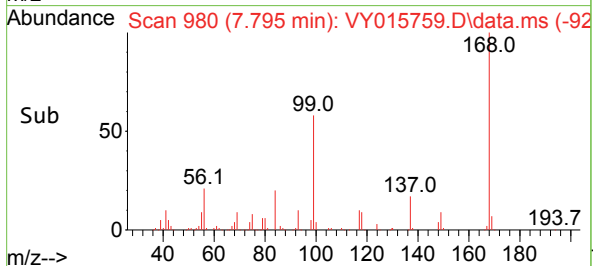


#31
Cyclohexane
Concen: 14.957 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :

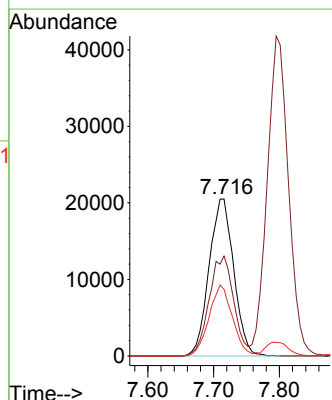
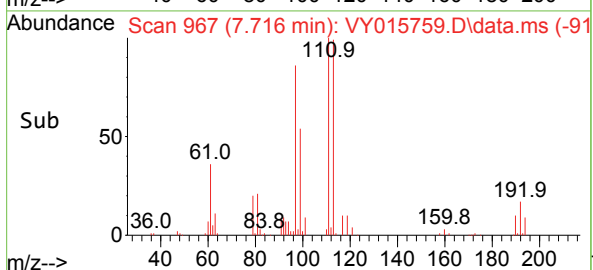
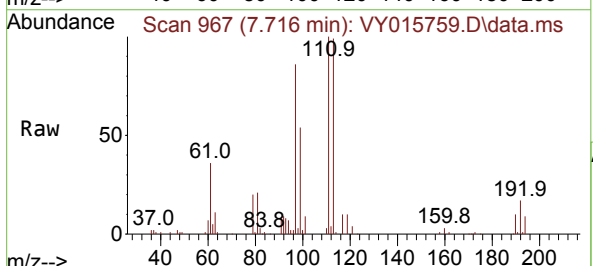


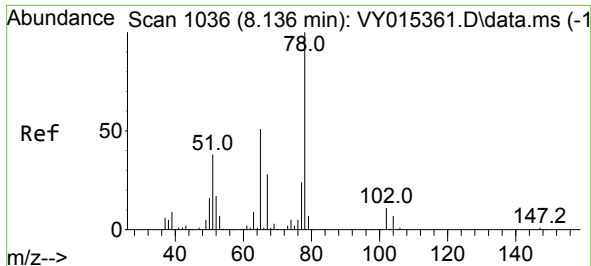
Tgt Ion: 56 Resp: 38259
Ion Ratio Lower Upper
56 100
69 43.6 27.8 41.6#
84 95.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 17.086 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.025 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 97 Resp: 53487
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 42.8 35.1 52.7

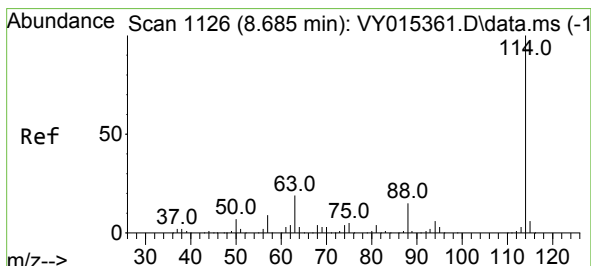
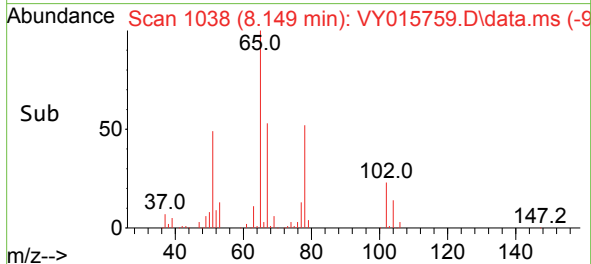
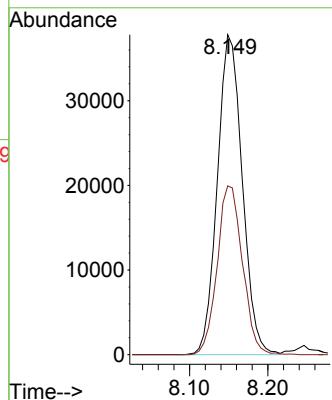
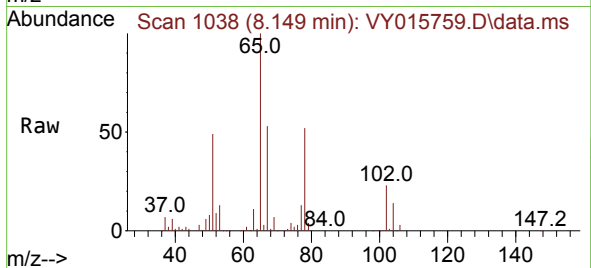




#33
 1,2-Dichloroethane-d4
 Concen: 45.323 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

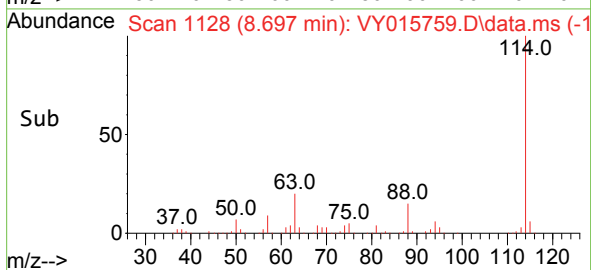
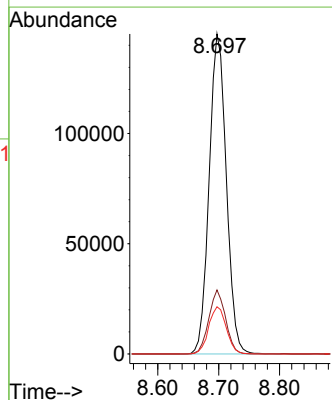
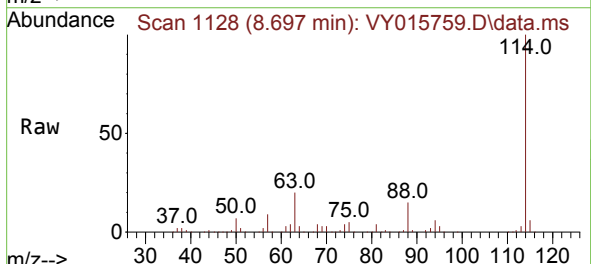
Instrument :
 MSVOA_Y
 ClientSampleId :

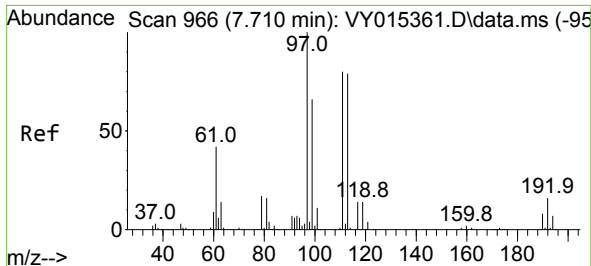
Tgt Ion: 65 Resp: 83687
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

Tgt Ion:114 Resp: 284481
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 14.7 0.0 30.6

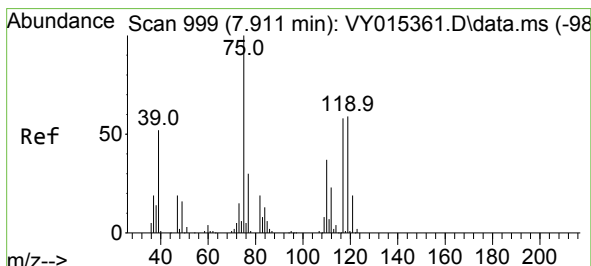
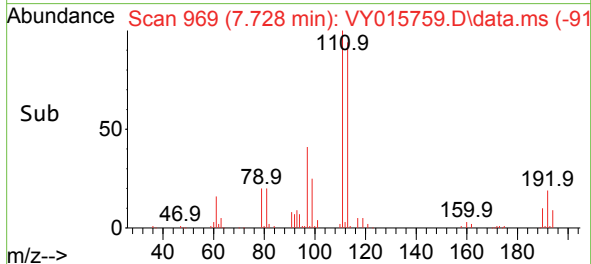
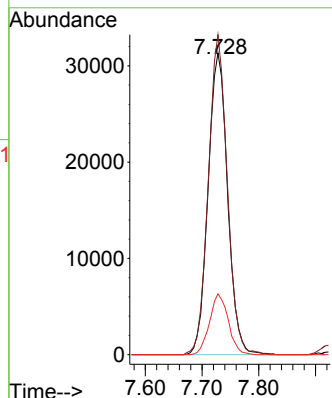
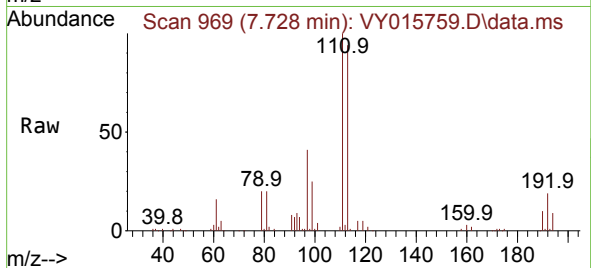




#35
Dibromofluoromethane
Concen: 43.946 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

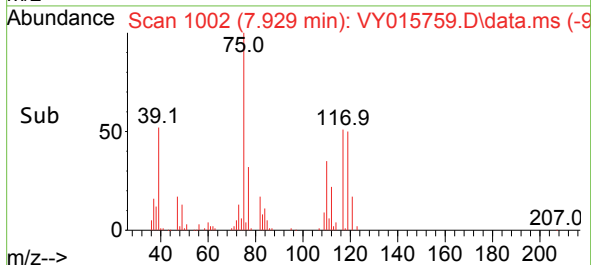
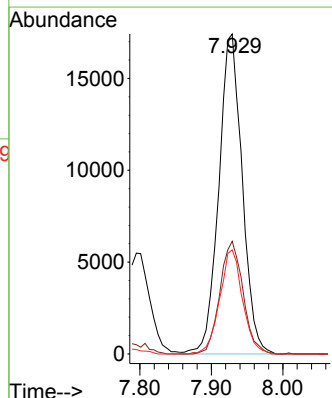
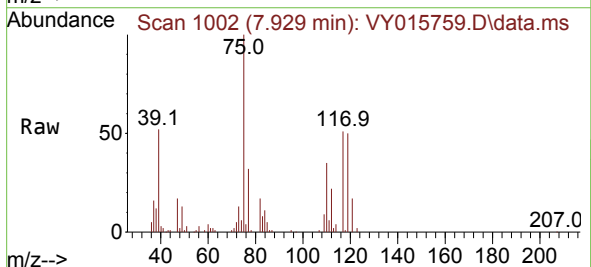
Instrument :
MSVOA_Y
ClientSampleId :

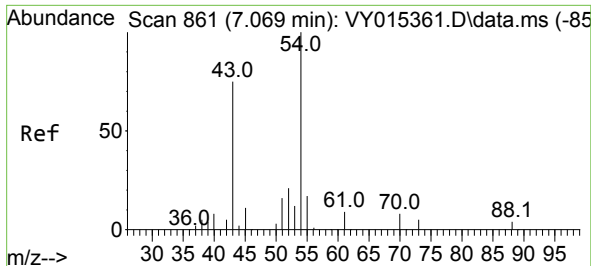
Tgt Ion:113 Resp: 74827
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 15.749 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 75 Resp: 39649
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.5
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 22.368 ug/l

RT: 7.094 min Scan# 865

Delta R.T. 0.031 min

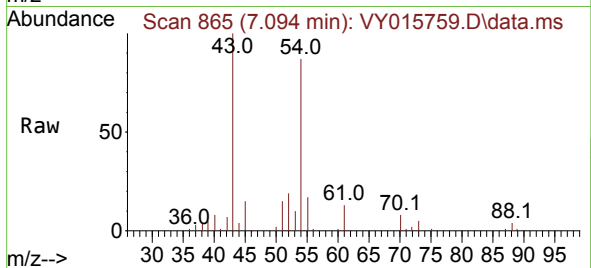
Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

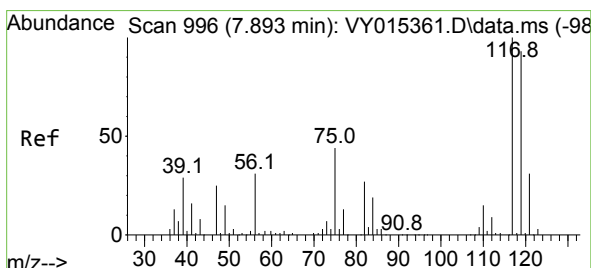
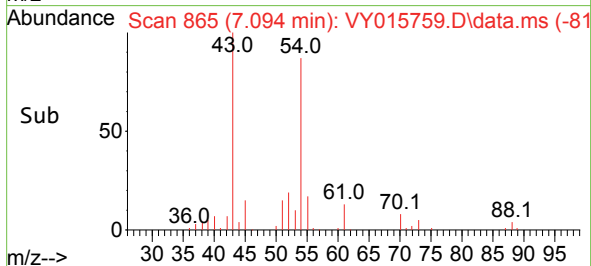
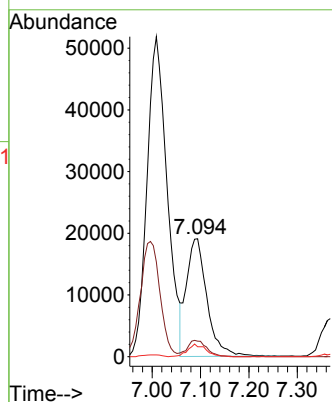
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 56170
Ion Ratio	Lower Upper
43	100
61	13.3 10.1 15.1
70	9.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 16.590 ug/l

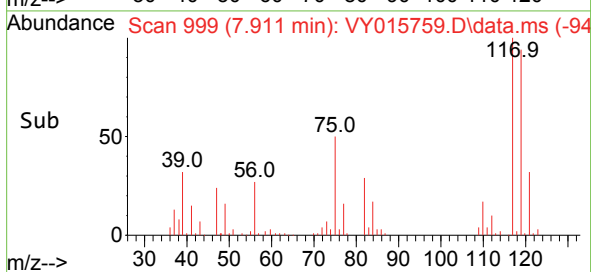
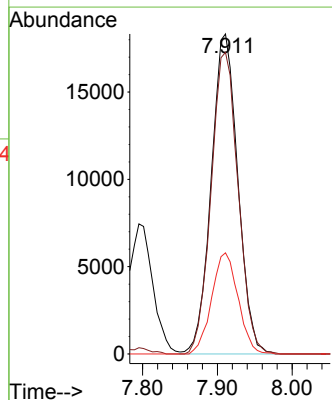
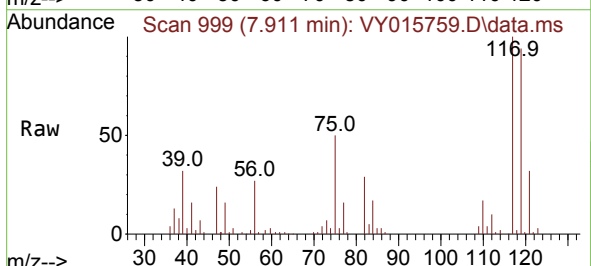
RT: 7.911 min Scan# 999

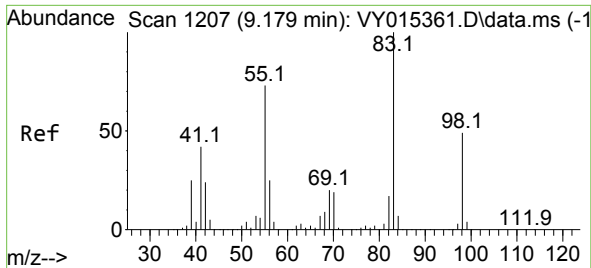
Delta R.T. 0.018 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Tgt Ion: 117	Resp: 45337
Ion Ratio	Lower Upper
117	100
119	94.2 76.4 114.6
121	31.6 25.8 38.6

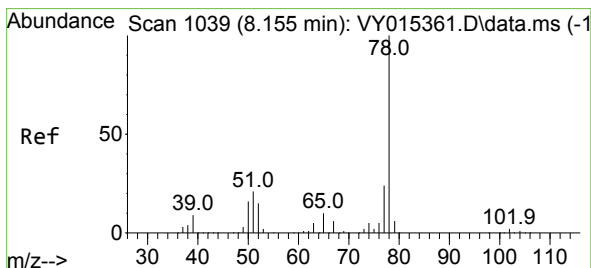
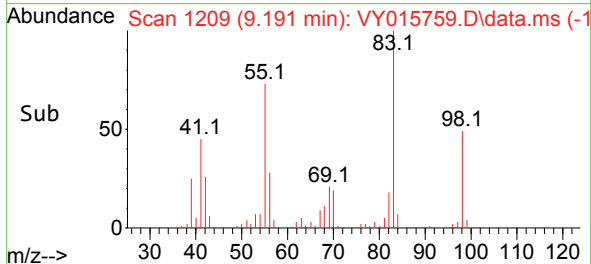
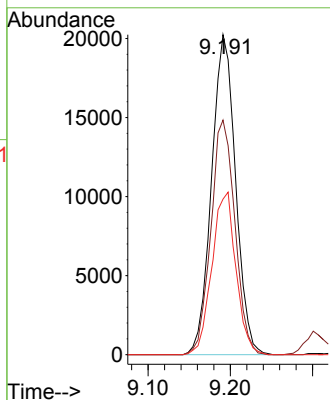
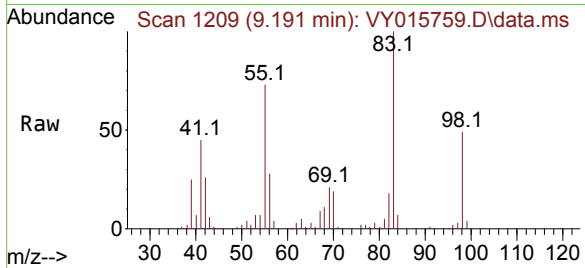




#39
Methylcyclohexane
Concen: 14.746 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

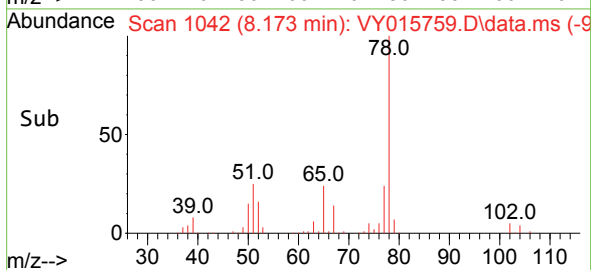
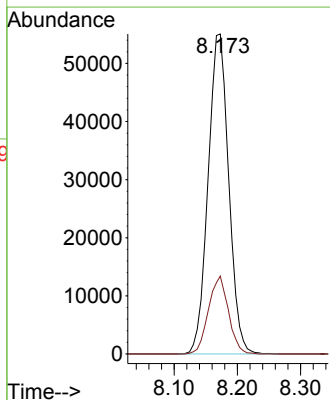
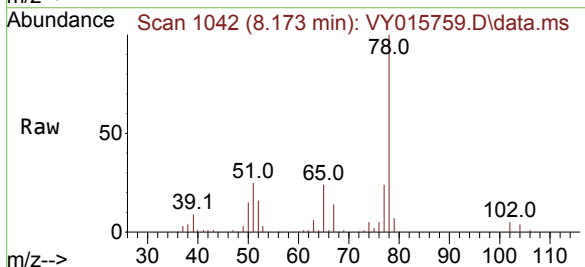
Instrument :
MSVOA_Y
ClientSampleId :

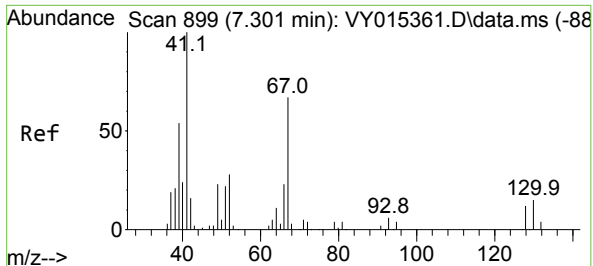
Tgt Ion: 83 Resp: 41061
Ion Ratio Lower Upper
83 100
55 73.3 63.0 94.4
98 48.6 37.4 56.2



#40
Benzene
Concen: 16.253 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.024 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 78 Resp: 124783
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

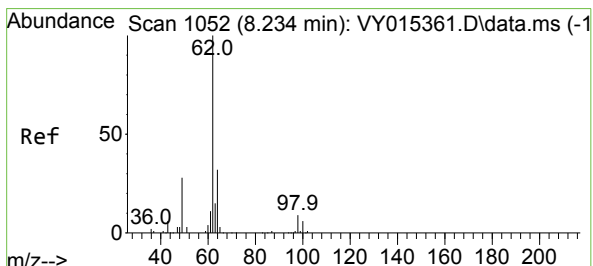
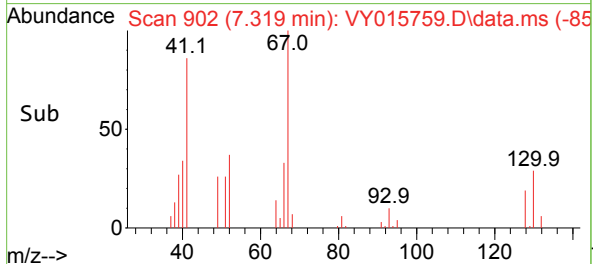
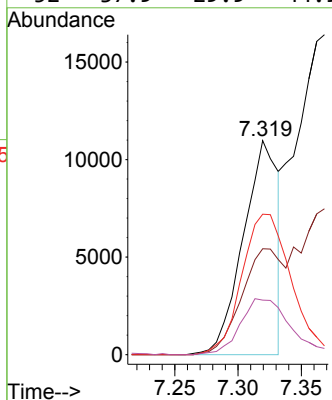
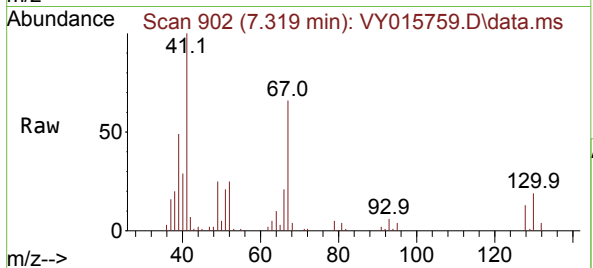




#41
Methacrylonitrile
Concen: 15.516 ug/l
RT: 7.319 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

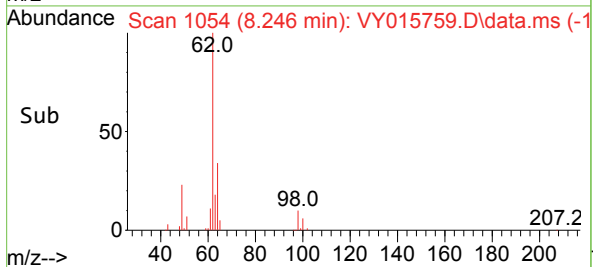
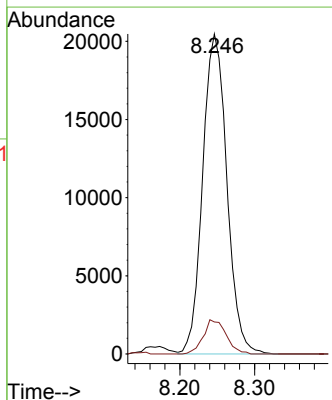
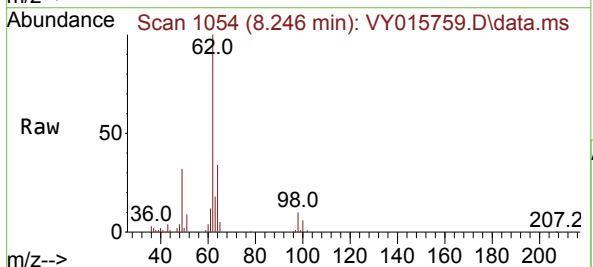
Instrument :
MSVOA_Y
ClientSampleId :

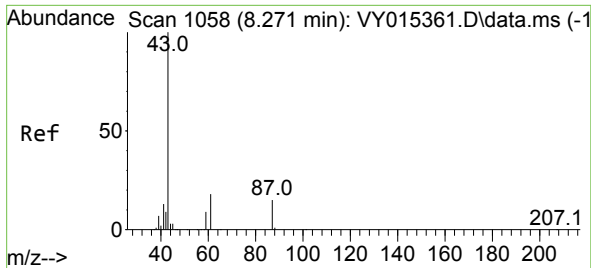
Tgt Ion:	41	Resp:	20980
Ion	Ratio	Lower	Upper
41	100		
39	60.7	52.1	78.1
67	94.2	66.2	99.2
52	37.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 17.508 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

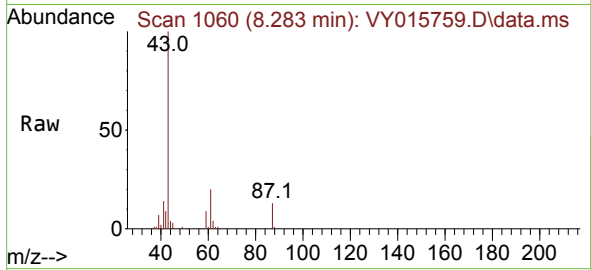
Tgt Ion:	62	Resp:	46035
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8



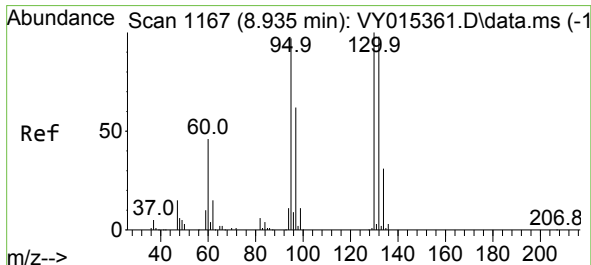
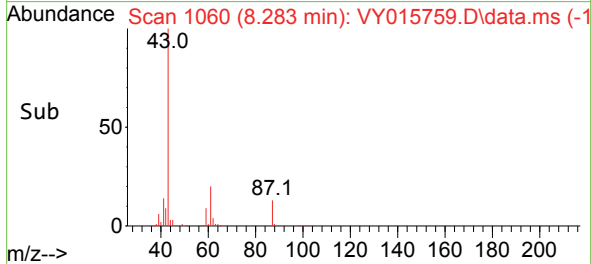
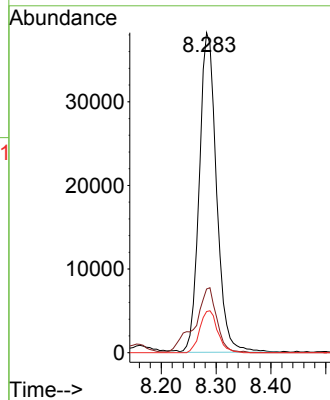


#43
Isopropyl Acetate
Concen: 19.484 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :

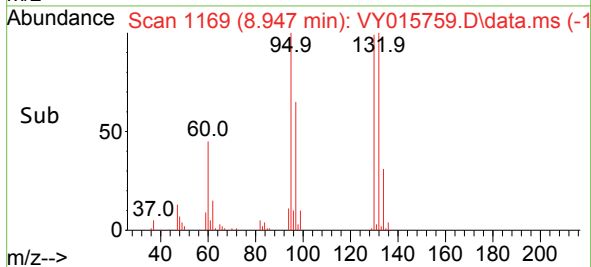
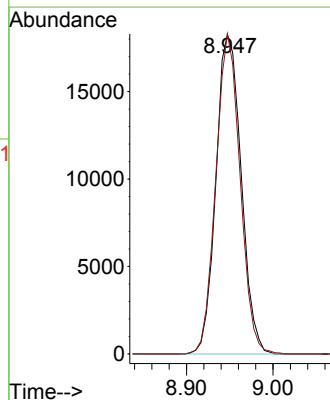
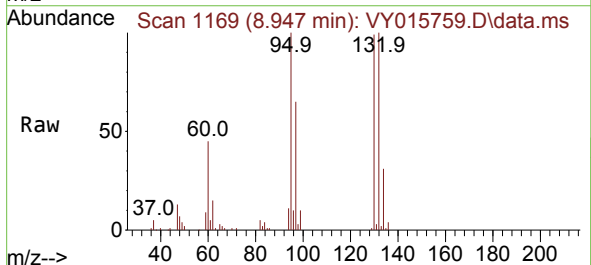


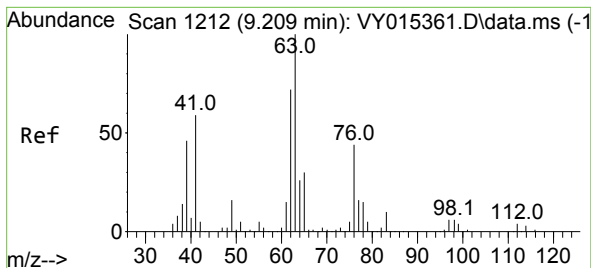
Tgt Ion: 43 Resp: 83577
Ion Ratio Lower Upper
43 100
61 26.0 21.1 31.7
87 13.5 9.8 14.8



#44
Trichloroethene
Concen: 17.188 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 130 Resp: 36858
Ion Ratio Lower Upper
130 100
95 100.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 17.241 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

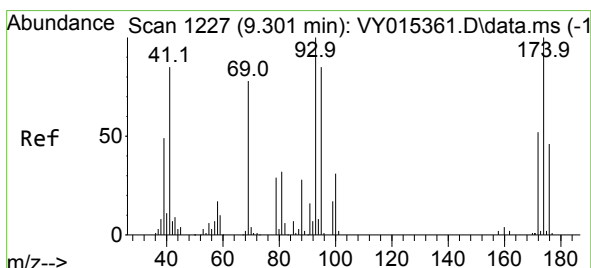
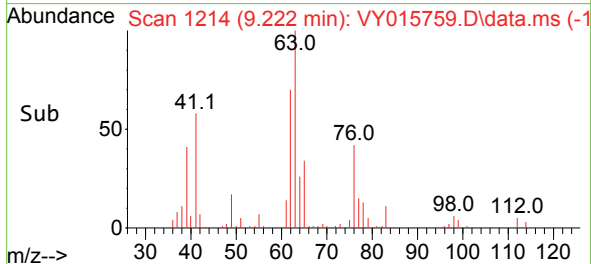
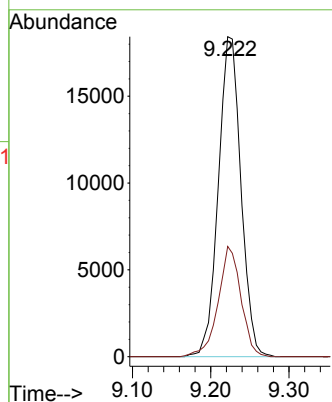
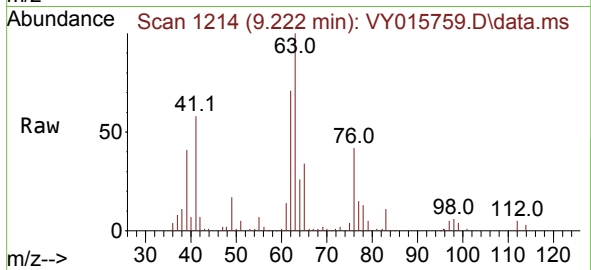
ClientSampleId :

Tgt Ion: 63 Resp: 36914

Ion Ratio Lower Upper

63 100

65 34.4 23.8 35.6



#46

Dibromomethane

Concen: 17.934 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

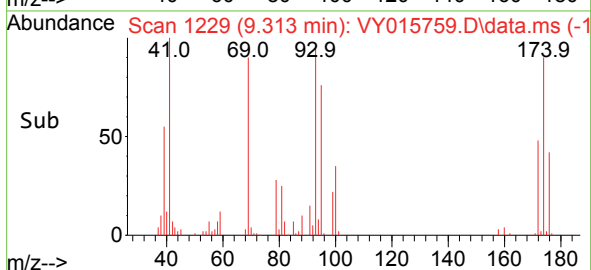
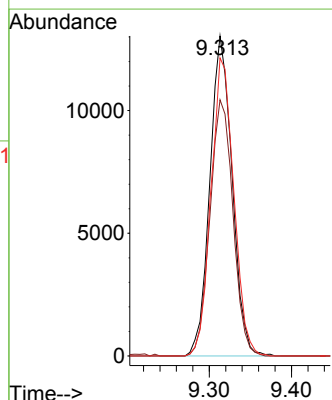
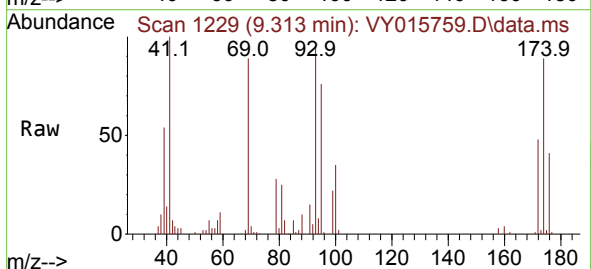
Tgt Ion: 93 Resp: 24562

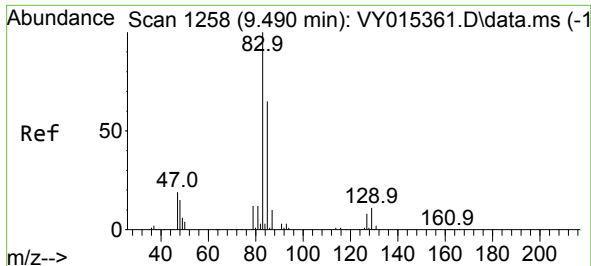
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 94.9 84.8 127.2

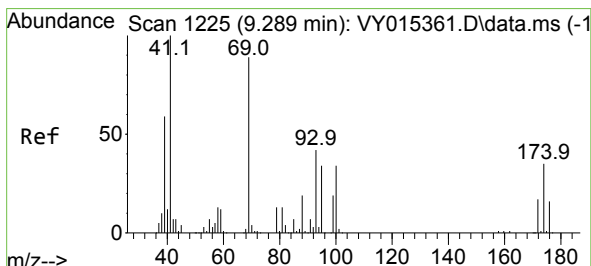
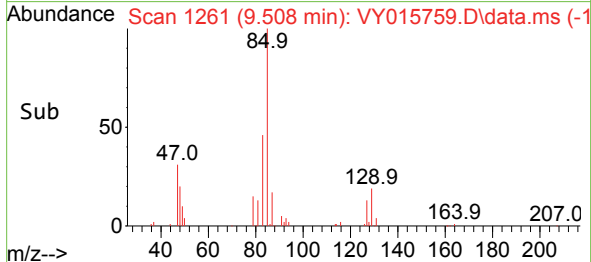
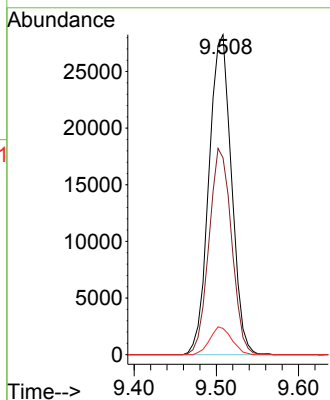
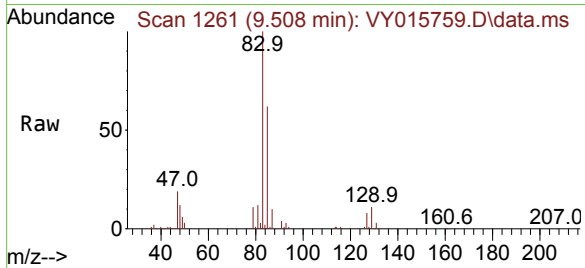




#47
Bromodichloromethane
Concen: 17.607 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.018 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

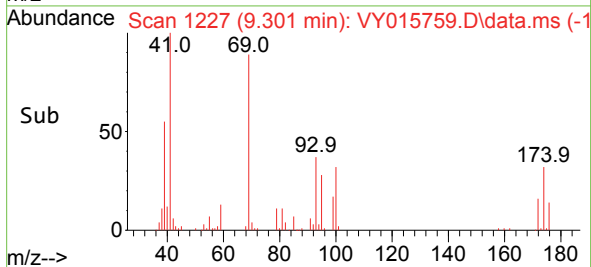
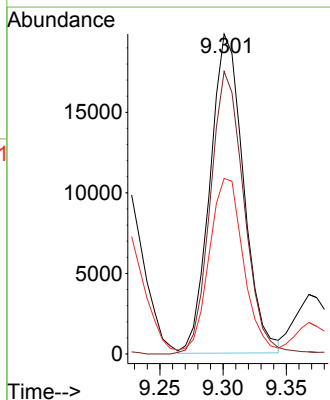
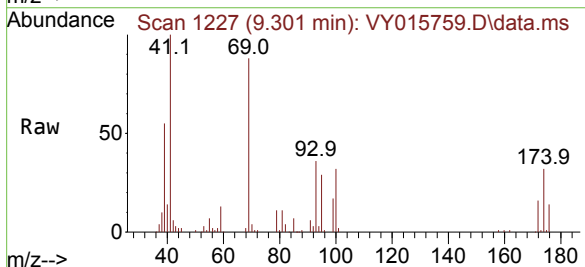
Instrument :
MSVOA_Y
ClientSampleId :

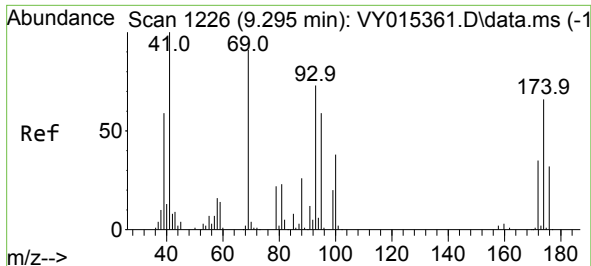
Tgt Ion: 83 Resp: 53750
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.412 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 41 Resp: 36551
Ion Ratio Lower Upper
41 100
69 89.1 64.5 96.7
39 56.6 50.8 76.2





#49

1,4-Dioxane

Concen: 475.259 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.042 min

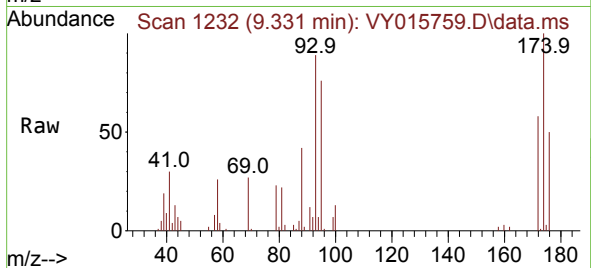
Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :



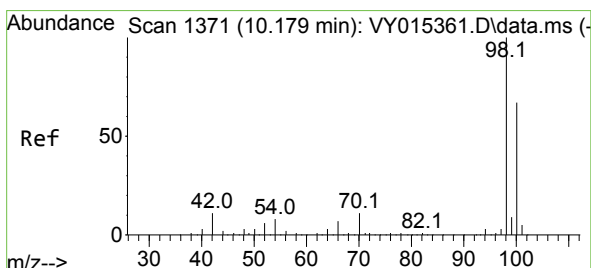
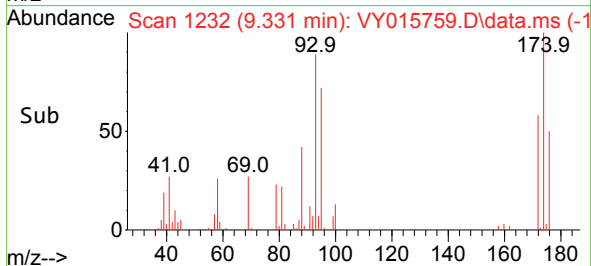
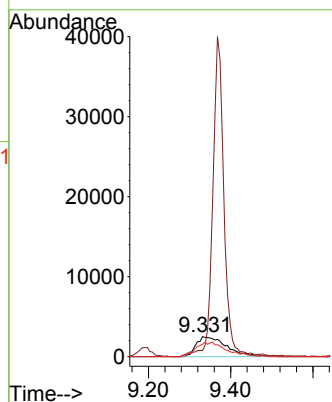
Tgt Ion: 88 Resp: 12859

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 28.5 30.9 46.3#



#50

Toluene-d8

Concen: 45.822 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015759.D

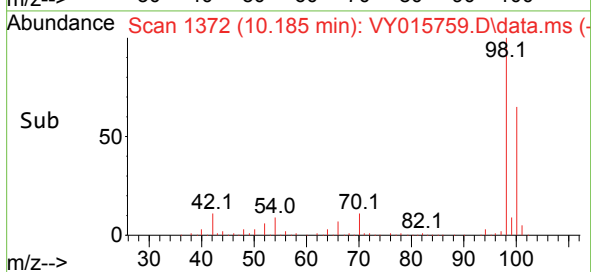
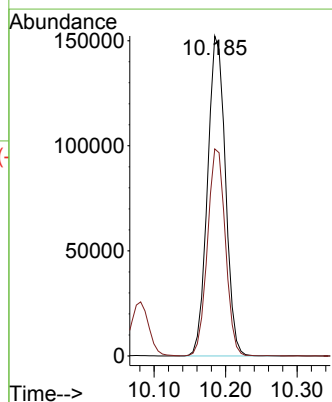
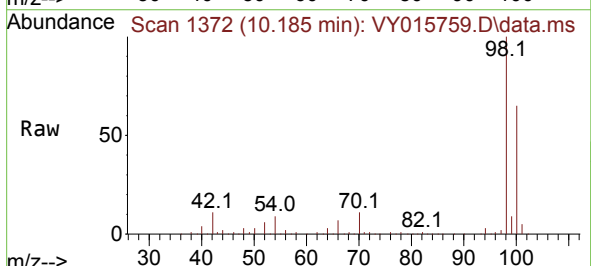
Acq: 29 Sep 2023 17:24

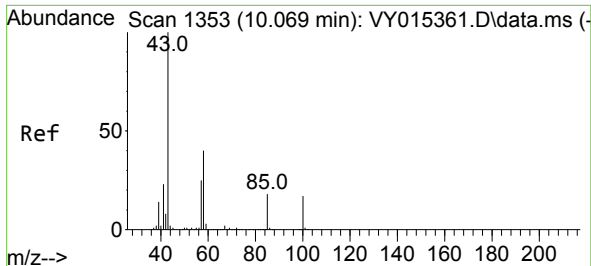
Tgt Ion: 98 Resp: 264543

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

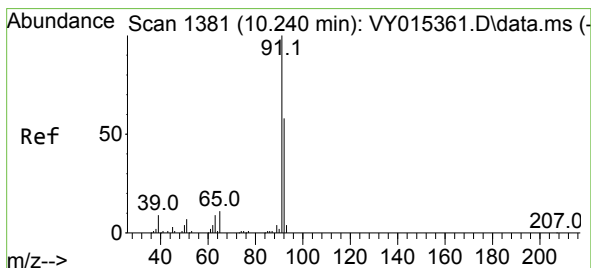
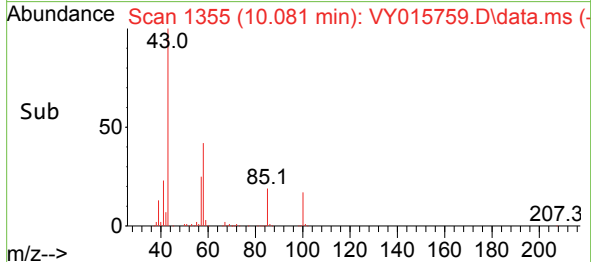
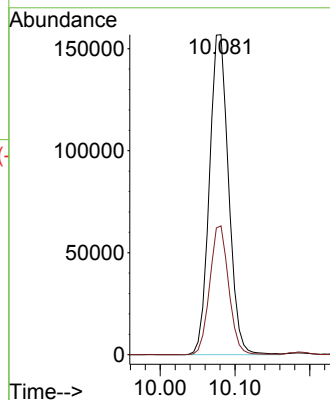
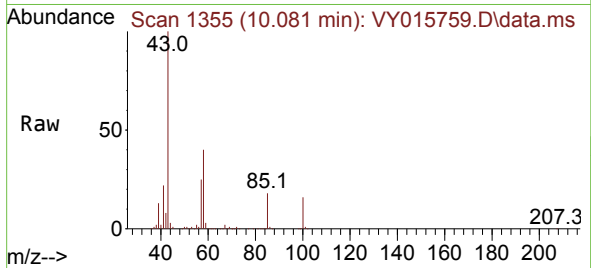




#51
4-Methyl-2-Pentanone
Concen: 105.095 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

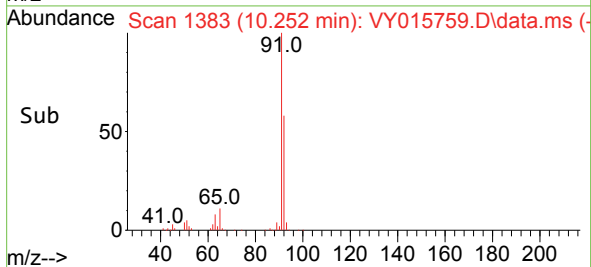
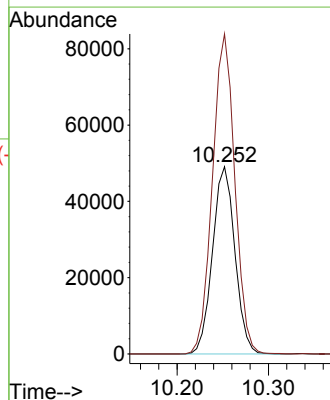
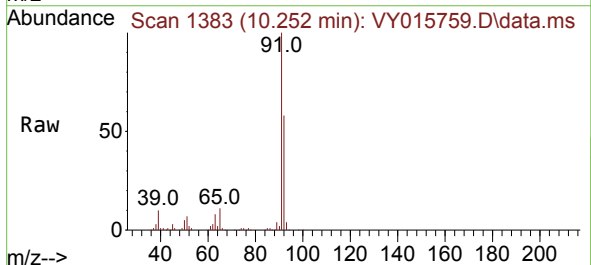
Instrument :
MSVOA_Y
ClientSampleId :

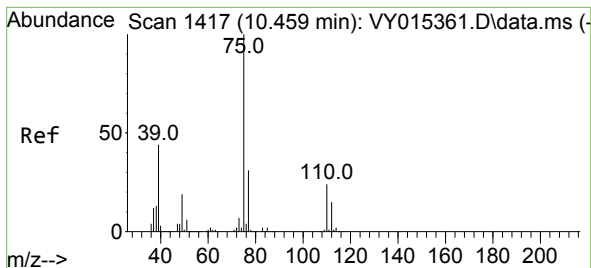
Tgt Ion: 43 Resp: 279424
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 16.863 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 92 Resp: 83464
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6

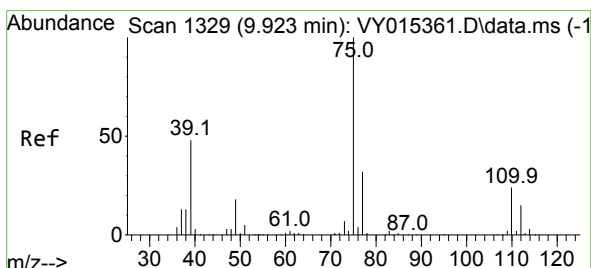
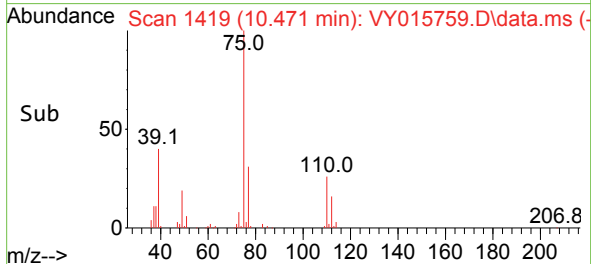
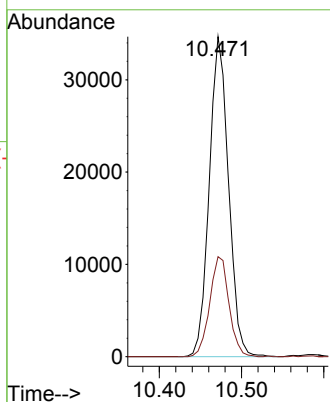
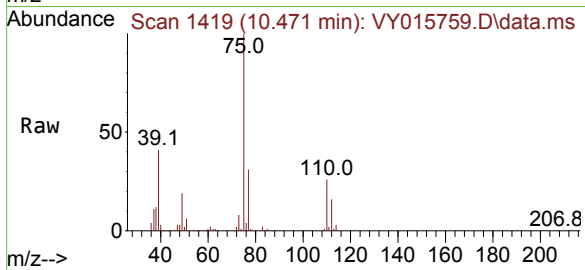




#53
 t-1,3-Dichloropropene
 Concen: 17.218 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

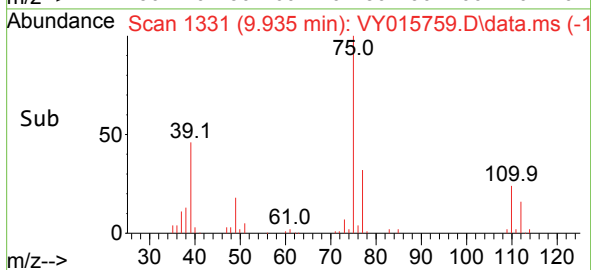
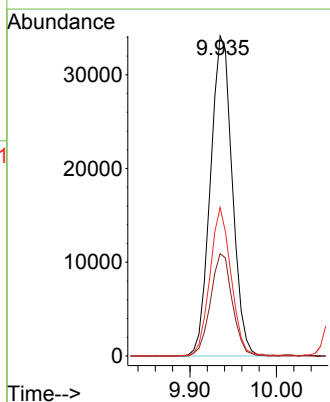
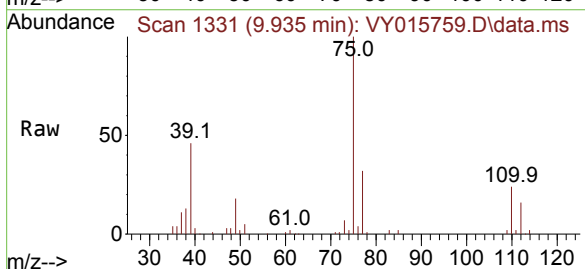
Instrument :
 MSVOA_Y
 ClientSampleId :

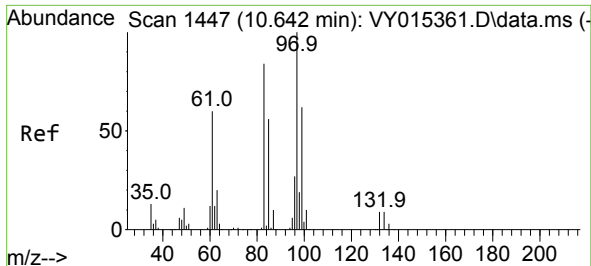
Tgt Ion: 75 Resp: 56364
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 16.975 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

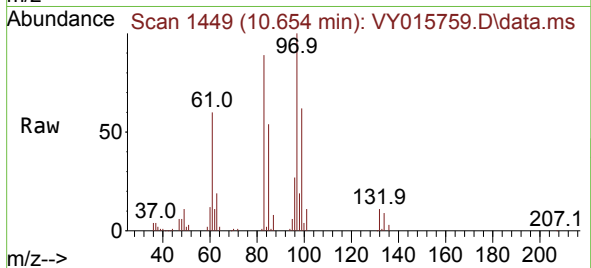
Tgt Ion: 75 Resp: 59816
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 46.4 42.2 63.4



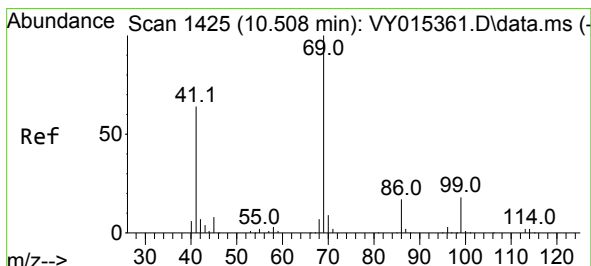
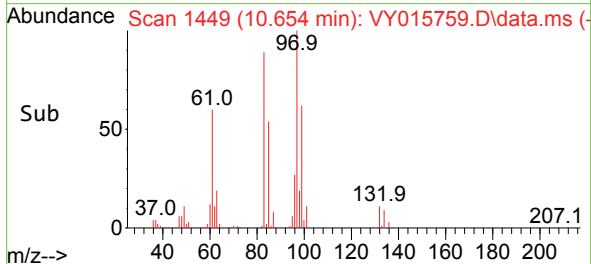
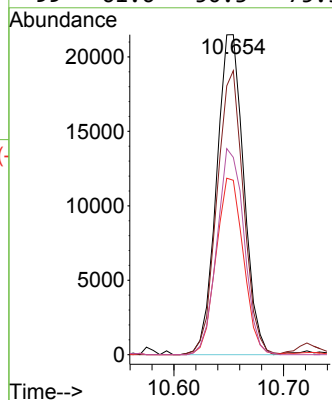


#55
1,1,2-Trichloroethane
Concen: 18.497 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :

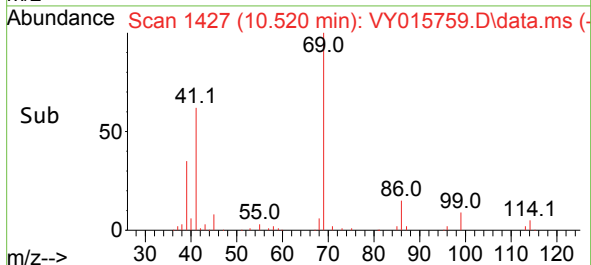
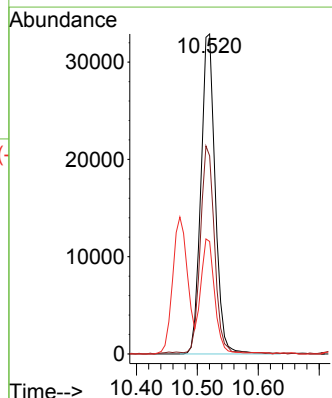
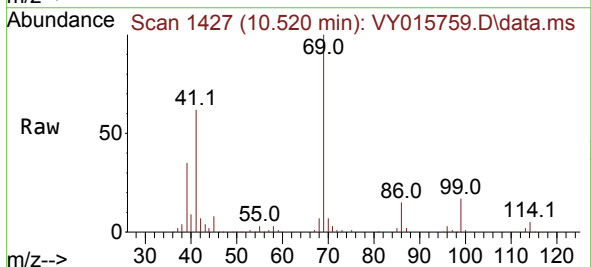


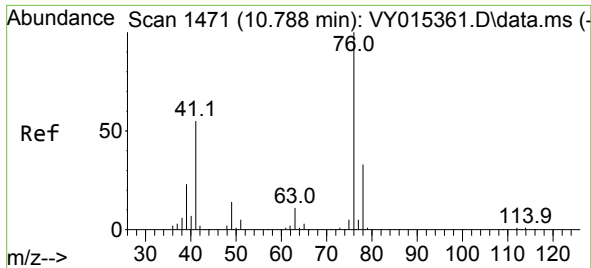
Tgt Ion: 97	Resp: 37125
Ion Ratio	Lower Upper
97 100	
83 88.8	72.0 108.0
85 54.5	45.4 68.0
99 61.6	50.3 75.5



#56
Ethyl methacrylate
Concen: 18.173 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 69	Resp: 53752
Ion Ratio	Lower Upper
69 100	
41 64.1	57.6 86.4
39 34.2	34.1 51.1





#57

1,3-Dichloropropane

Concen: 18.144 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

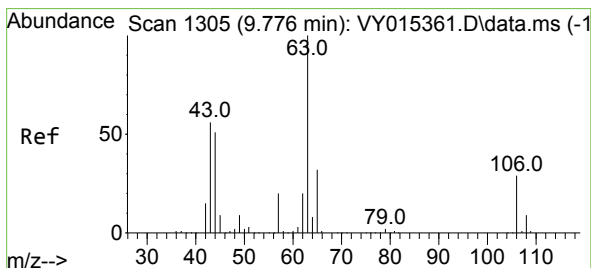
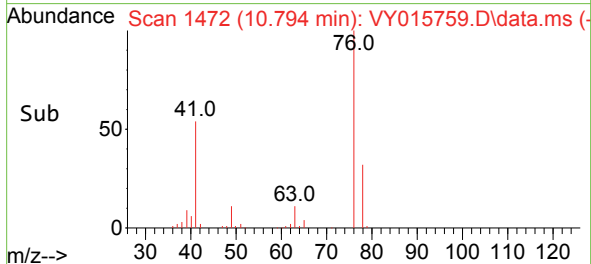
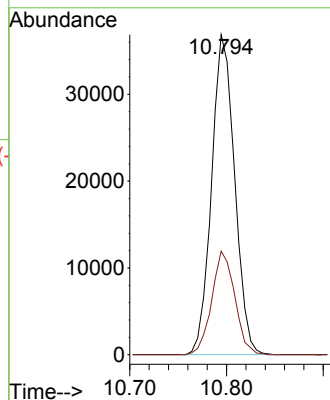
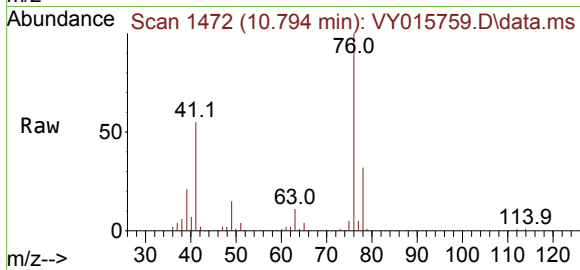
ClientSampleId :

Tgt Ion: 76 Resp: 61067

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 72.024 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.019 min

Lab File: VY015759.D

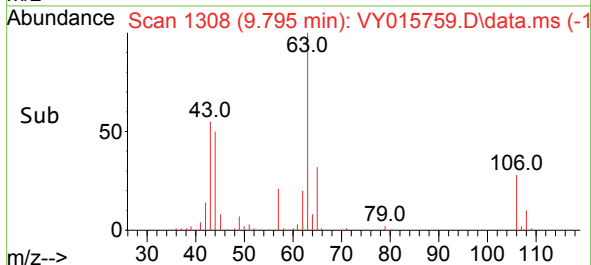
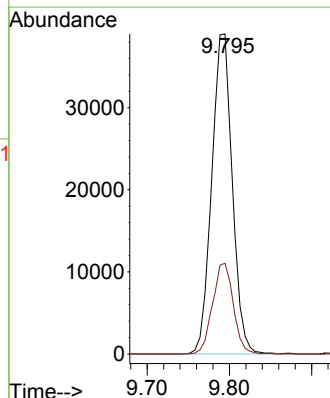
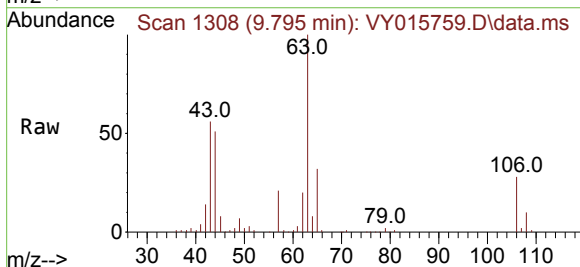
Acq: 29 Sep 2023 17:24

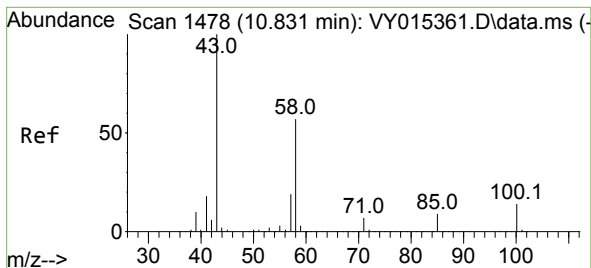
Tgt Ion: 63 Resp: 67668

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8





#59

2-Hexanone

Concen: 112.266 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

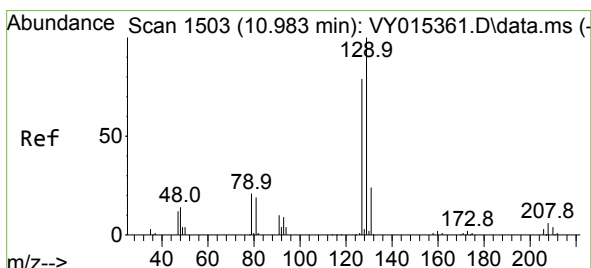
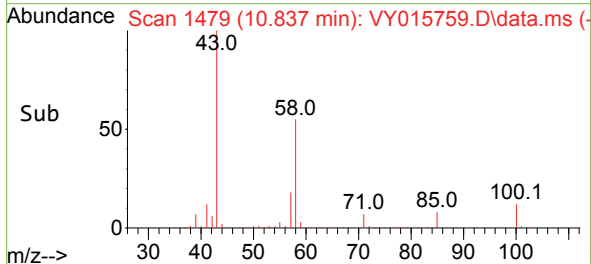
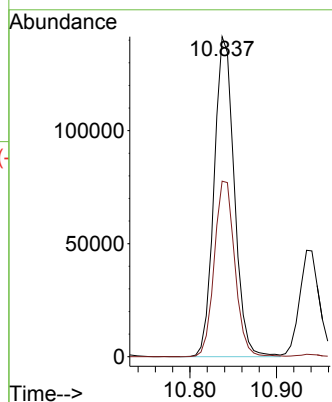
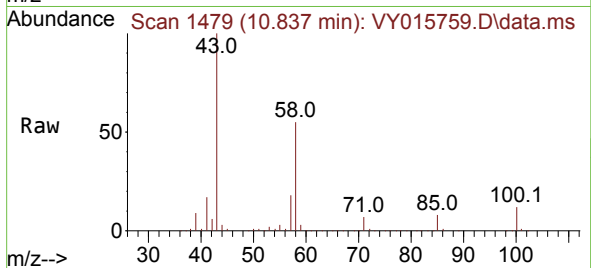
ClientSampleId :

Tgt Ion: 43 Resp: 229005

Ion Ratio Lower Upper

43 100

58 55.9 25.1 75.3



#60

Dibromochloromethane

Concen: 17.761 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.007 min

Lab File: VY015759.D

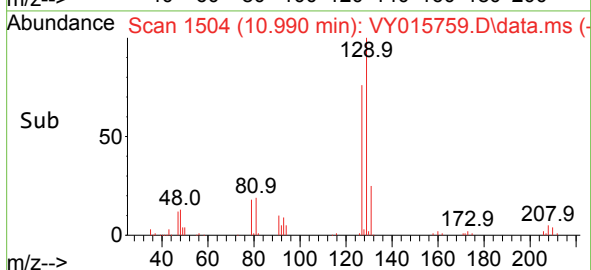
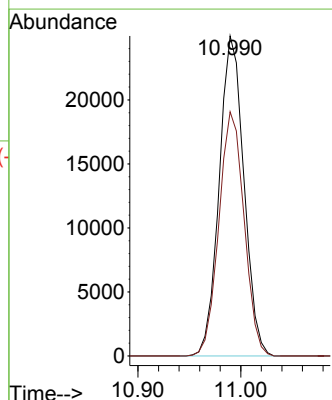
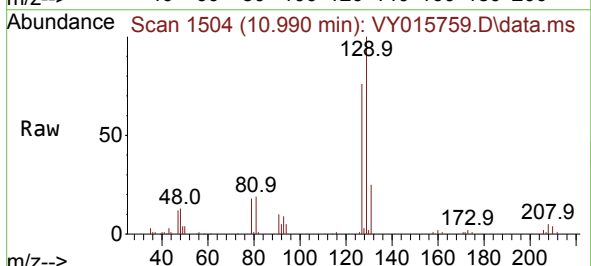
Acq: 29 Sep 2023 17:24

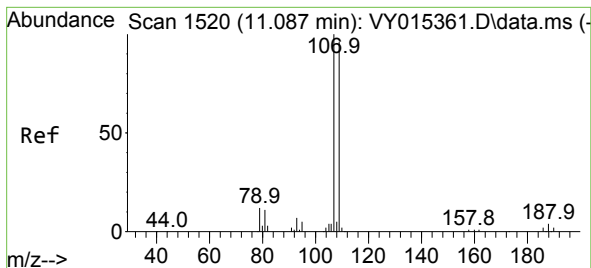
Tgt Ion:129 Resp: 41613

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

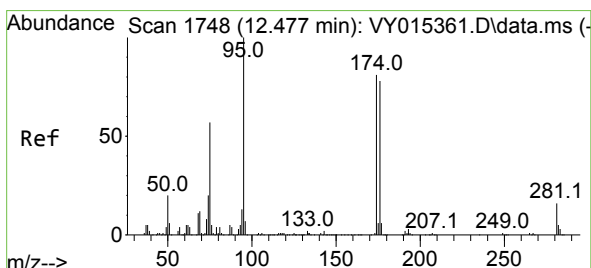
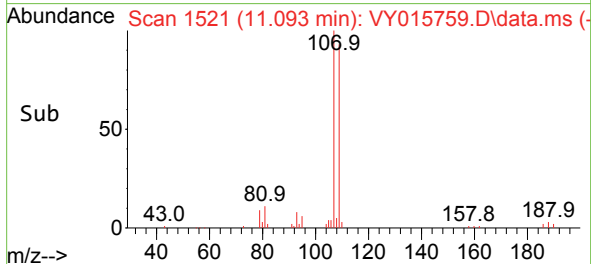
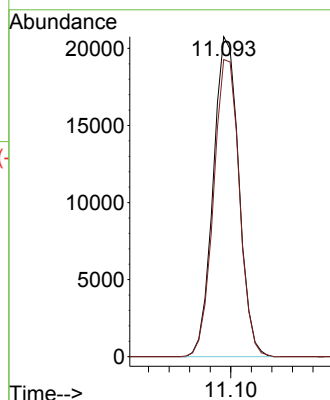
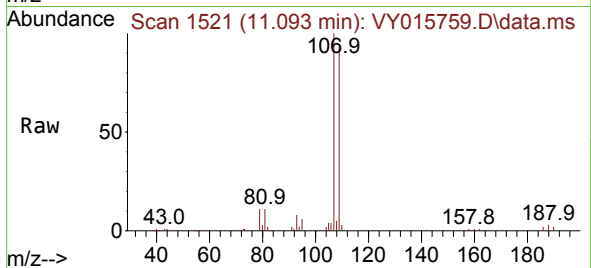




#61
1,2-Dibromoethane
Concen: 18.238 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

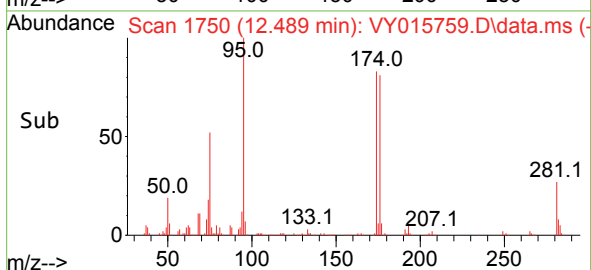
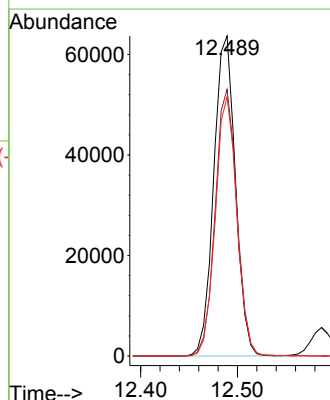
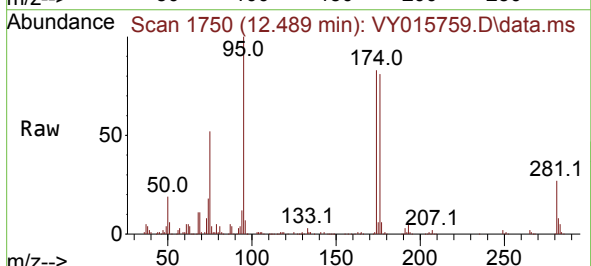
Instrument :
MSVOA_Y
ClientSampleId :

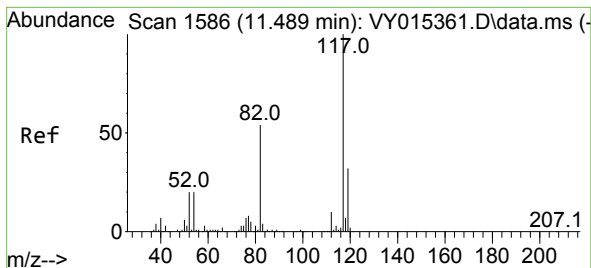
Tgt Ion:107 Resp: 35810
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.718 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 95 Resp: 99050
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 79.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

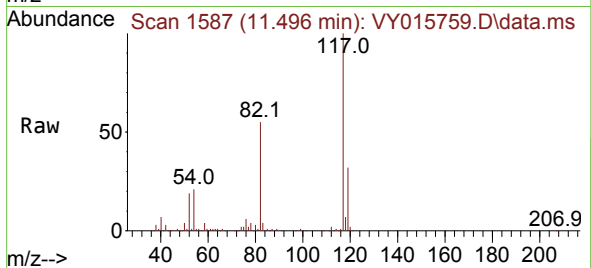
Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :



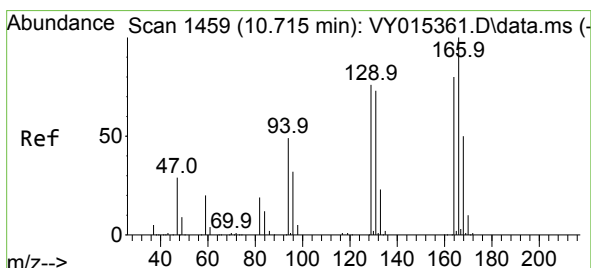
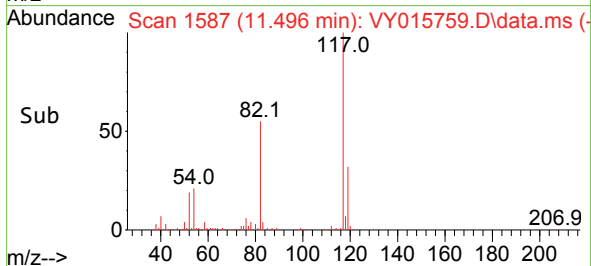
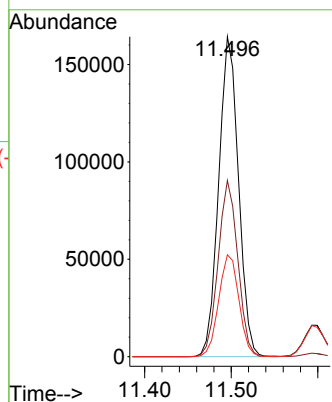
Tgt Ion:117 Resp: 260682

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 18.177 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Tgt Ion:164 Resp: 40655

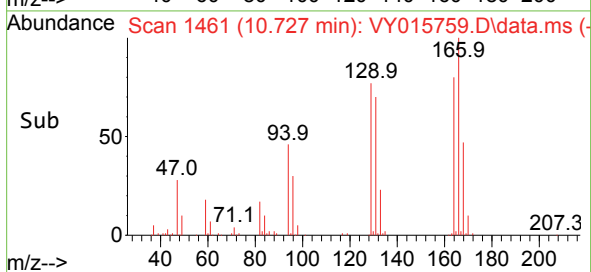
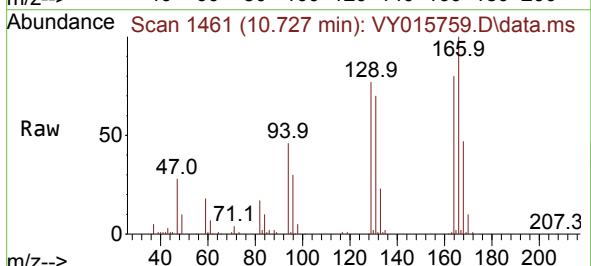
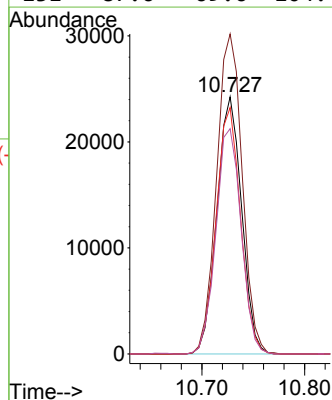
Ion Ratio Lower Upper

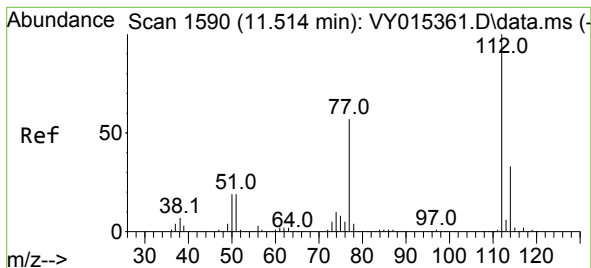
164 100

166 124.4 103.0 154.6

129 95.8 77.2 115.8

131 87.6 69.6 104.4





#65

Chlorobenzene

Concen: 17.352 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

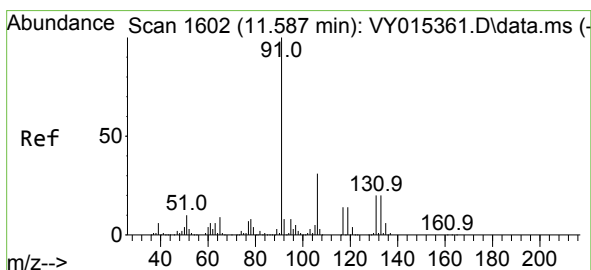
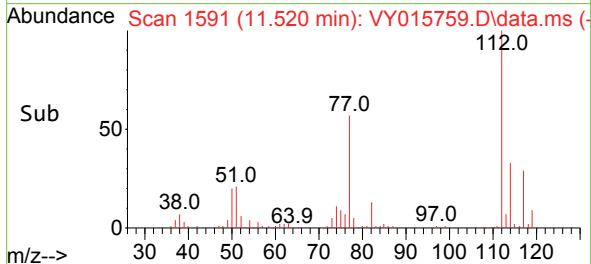
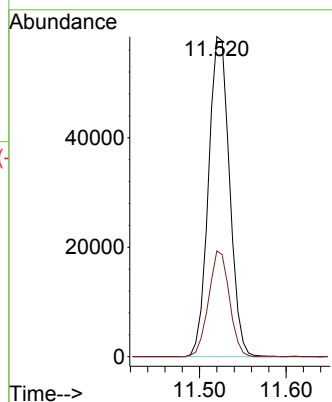
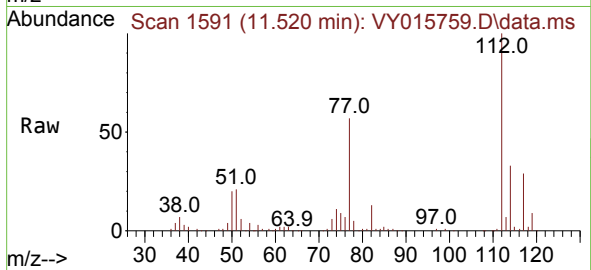
ClientSampleId :

Tgt Ion:112 Resp: 98738

Ion Ratio Lower Upper

112 100

114 33.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 18.266 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

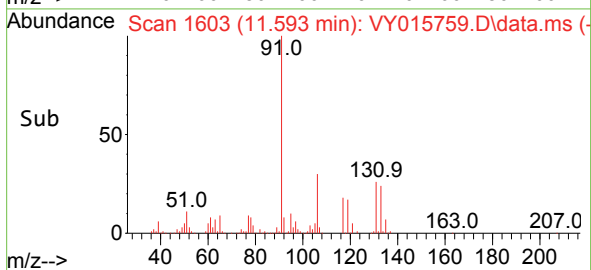
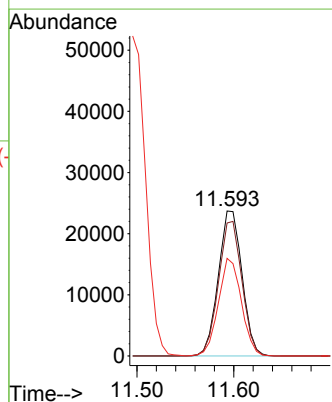
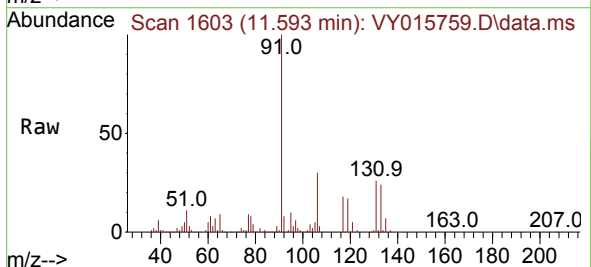
Tgt Ion:131 Resp: 40374

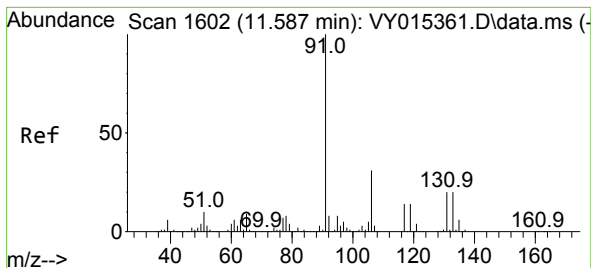
Ion Ratio Lower Upper

131 100

133 91.7 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 16.980 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

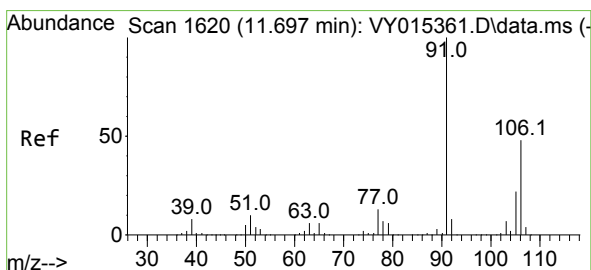
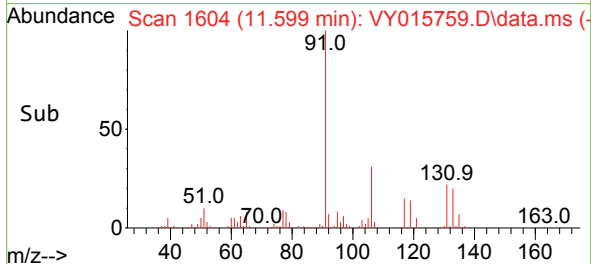
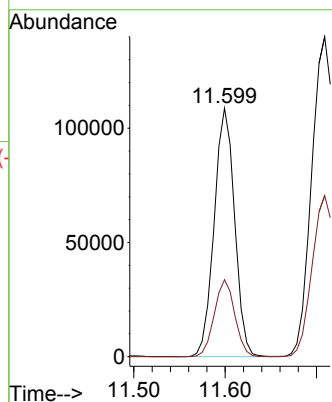
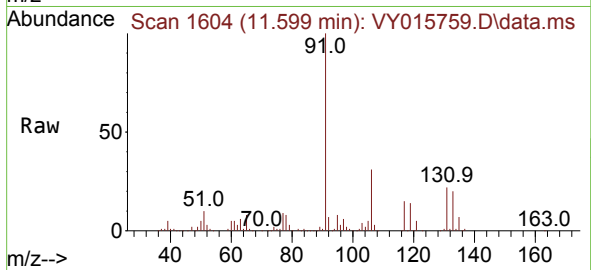
ClientSampleId :

Tgt Ion: 91 Resp: 168878

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 33.909 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015759.D

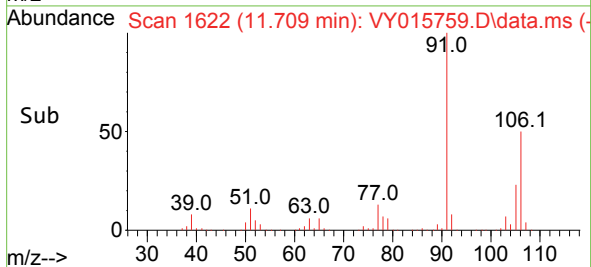
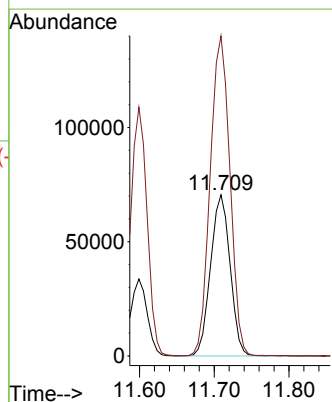
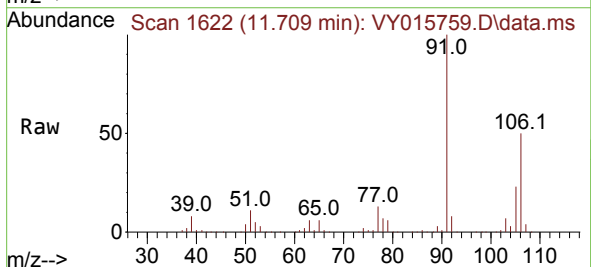
Acq: 29 Sep 2023 17:24

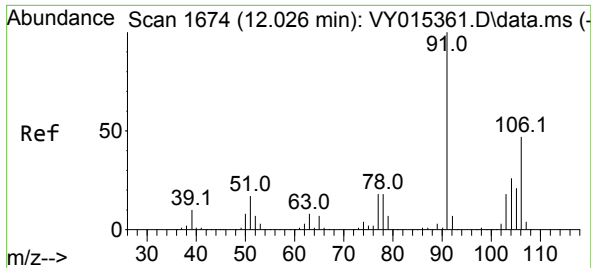
Tgt Ion:106 Resp: 128185

Ion Ratio Lower Upper

106 100

91 200.8 166.1 249.1

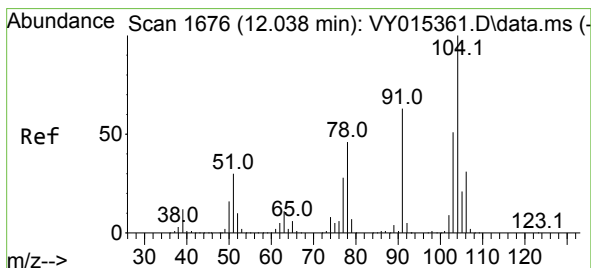
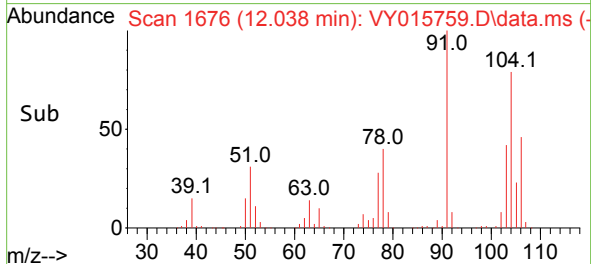
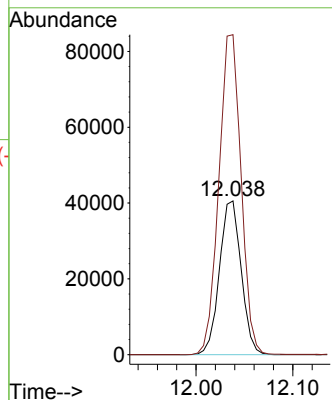
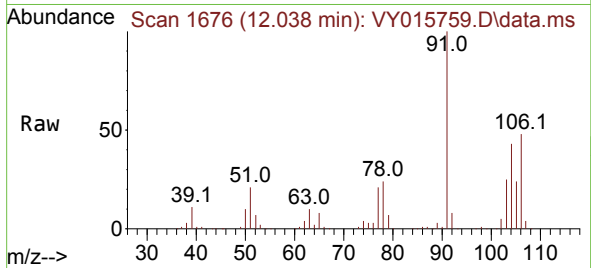




#69
o-Xylene
Concen: 17.059 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

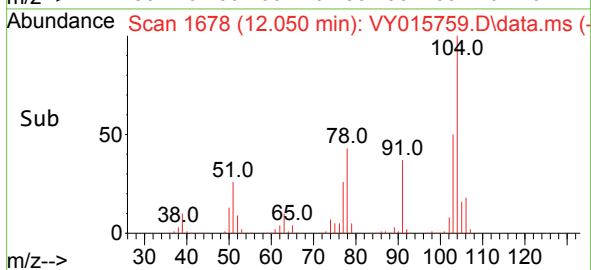
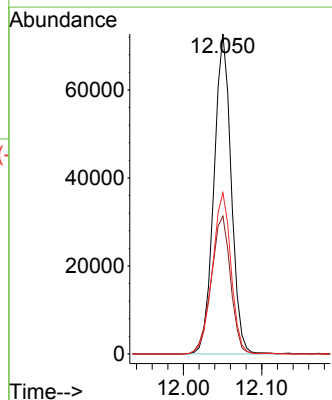
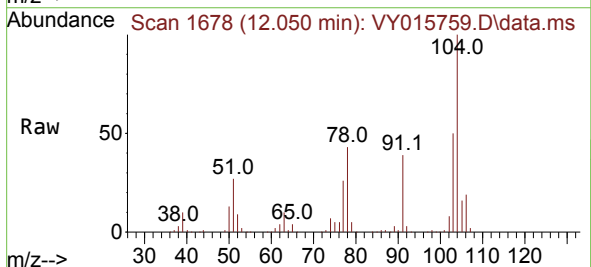
Instrument :
MSVOA_Y
ClientSampleId :

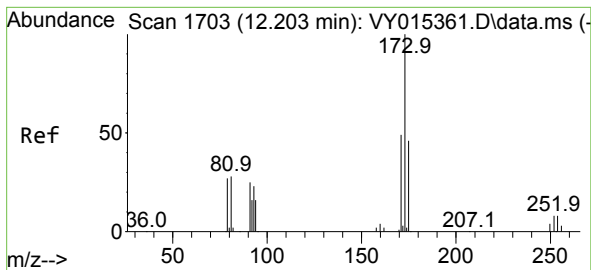
Tgt Ion:106 Resp: 63236
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3



#70
Styrene
Concen: 17.557 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion:104 Resp: 111399
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 18.666 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

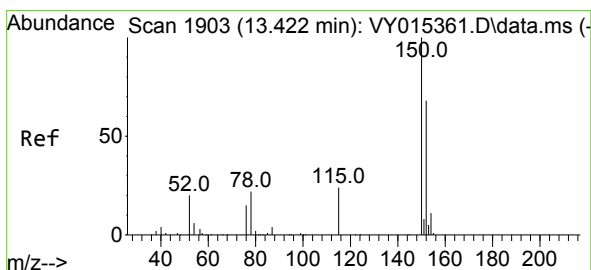
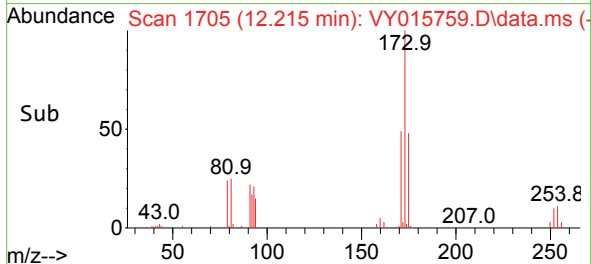
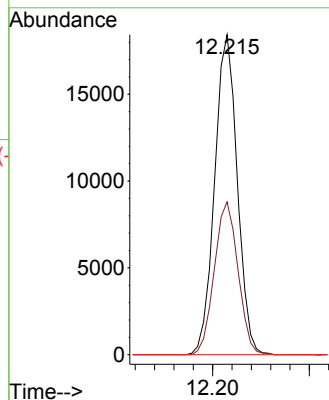
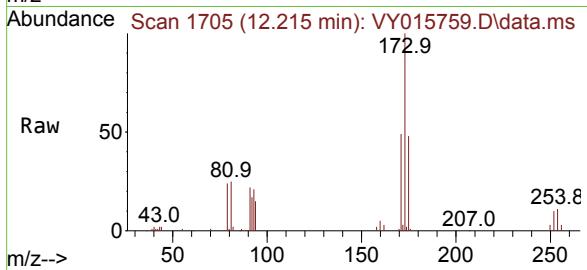
Tgt Ion:173 Resp: 29898

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

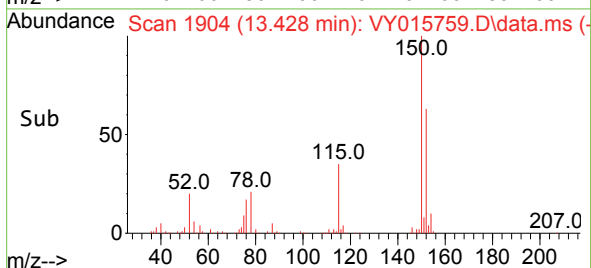
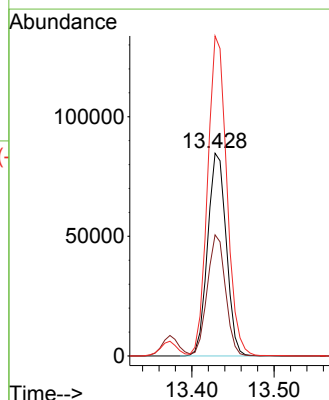
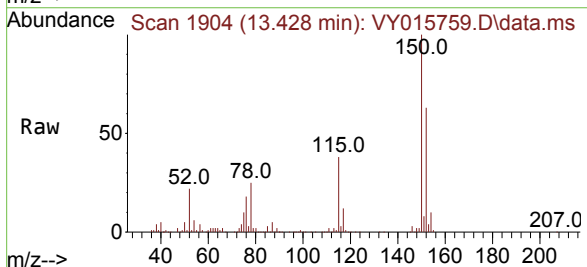
Tgt Ion:152 Resp: 133251

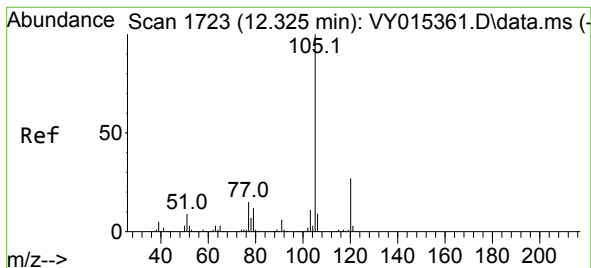
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 162.7 0.0 348.8





#73

Isopropylbenzene

Concen: 17.081 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

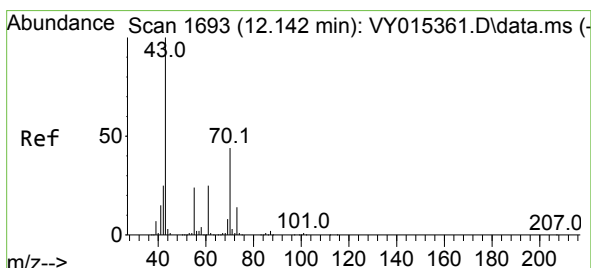
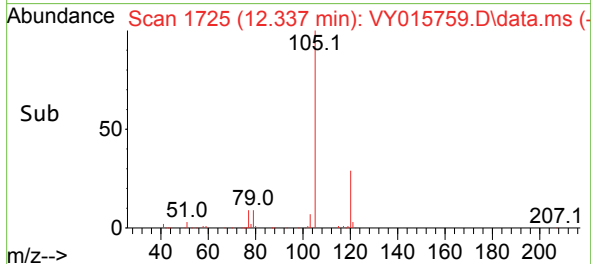
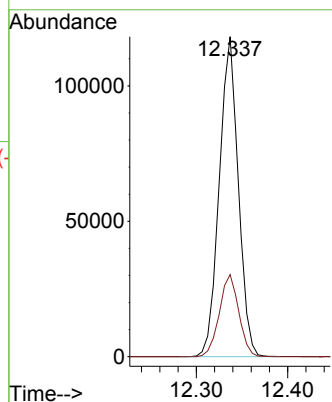
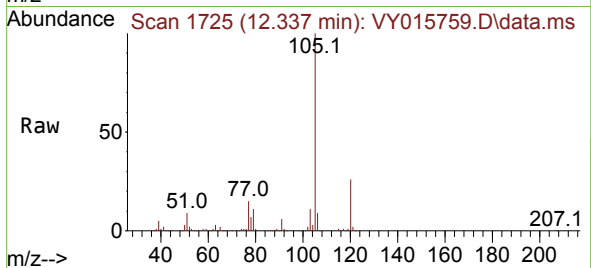
ClientSampleId :

Tgt Ion:105 Resp: 170748

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 19.127 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Tgt Ion: 43 Resp: 71860

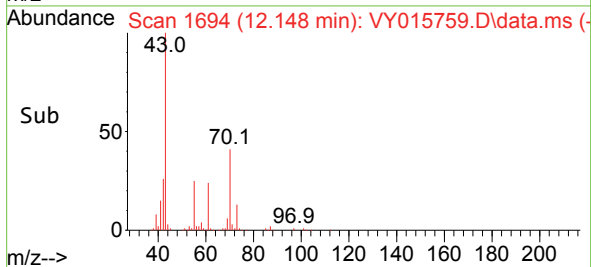
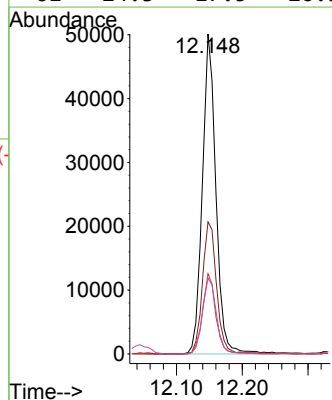
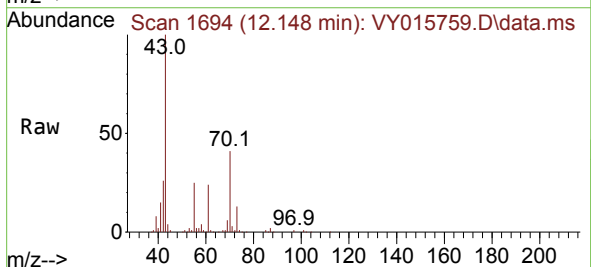
Ion Ratio Lower Upper

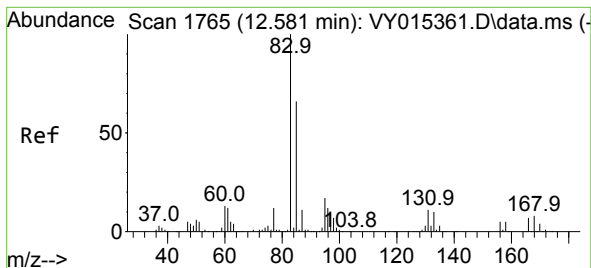
43 100

70 43.2 29.7 44.5

55 24.6 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.146 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

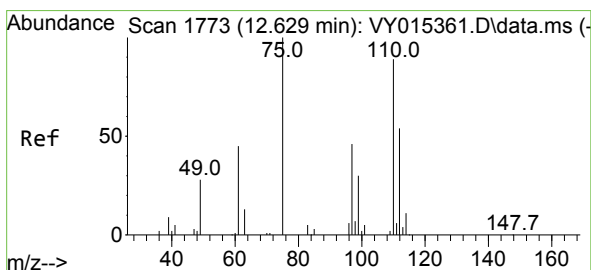
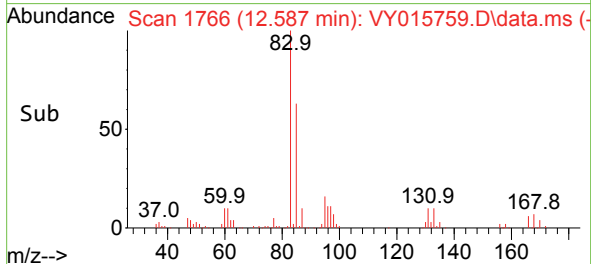
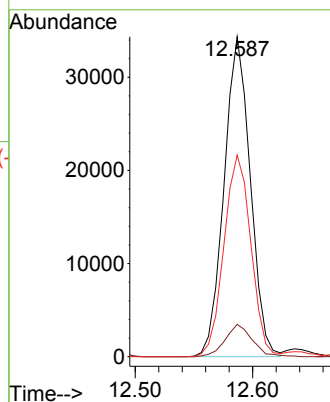
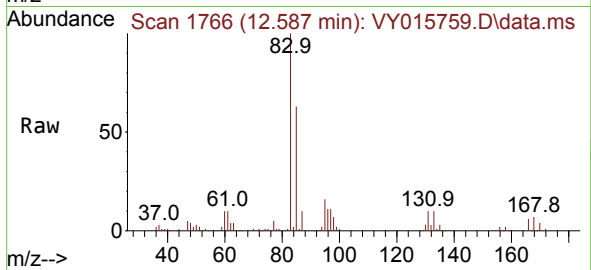
Tgt Ion: 83 Resp: 53263

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.412 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015759.D

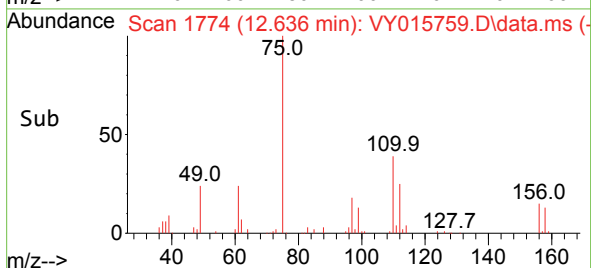
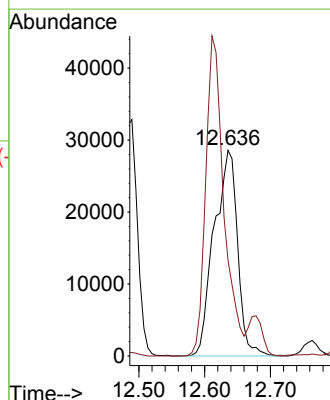
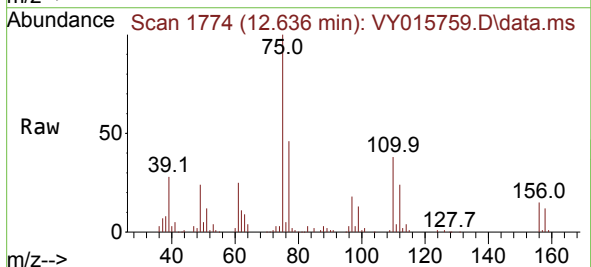
Acq: 29 Sep 2023 17:24

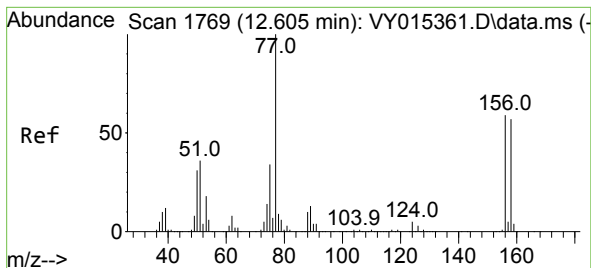
Tgt Ion: 75 Resp: 71028

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.314 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

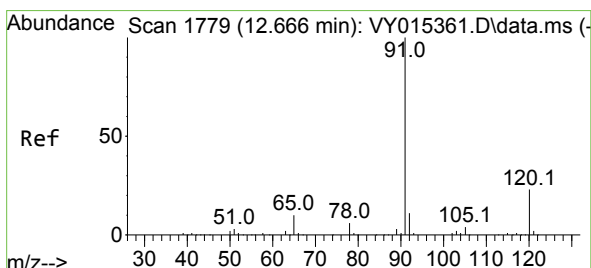
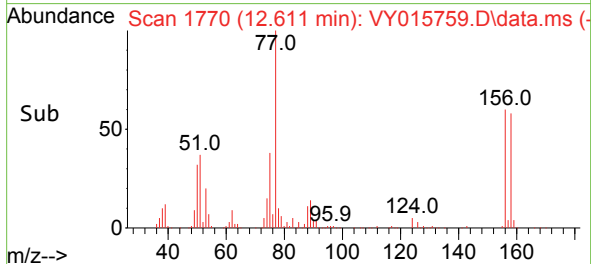
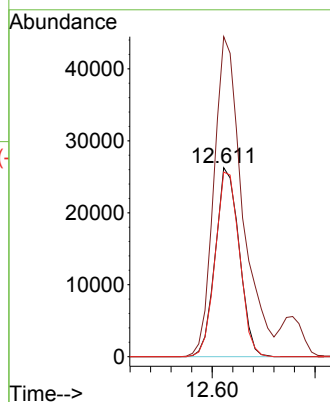
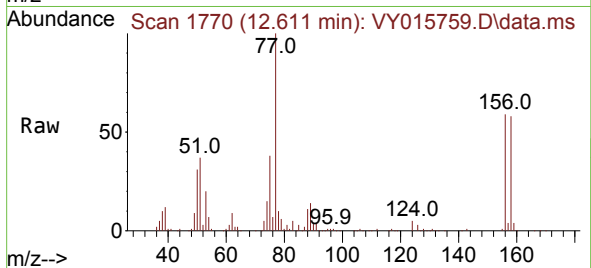
Tgt Ion:156 Resp: 42483

Ion Ratio Lower Upper

156 100

77 201.8 92.8 278.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 17.130 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015759.D

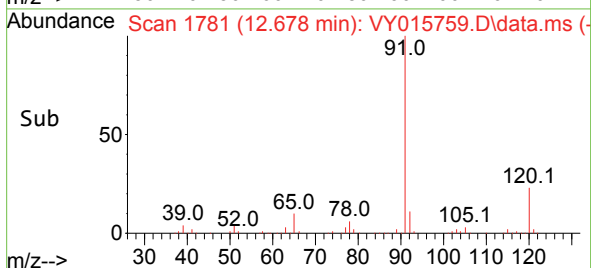
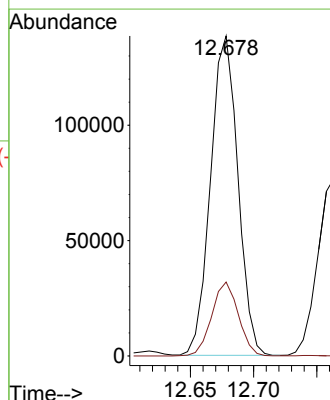
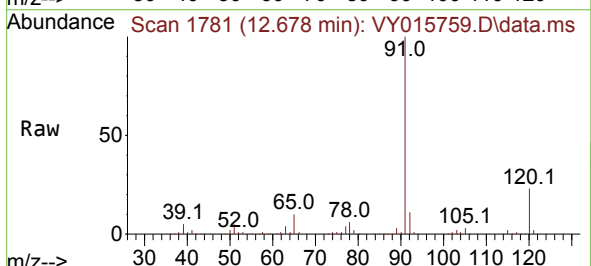
Acq: 29 Sep 2023 17:24

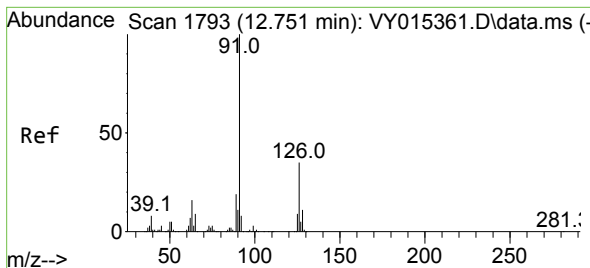
Tgt Ion: 91 Resp: 208030

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

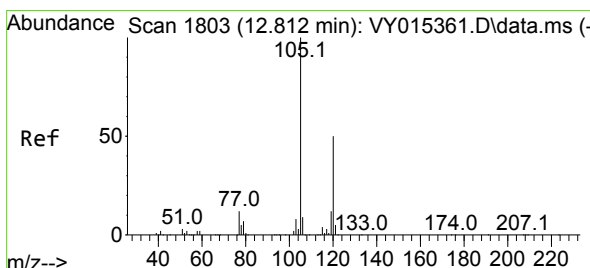
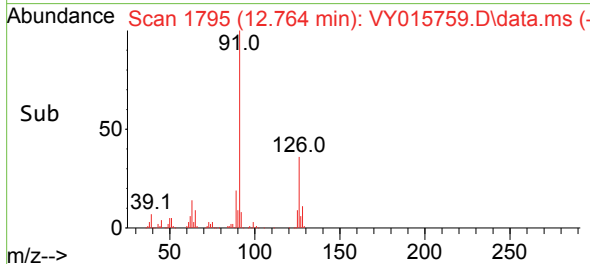
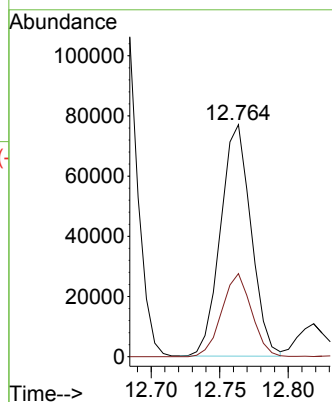
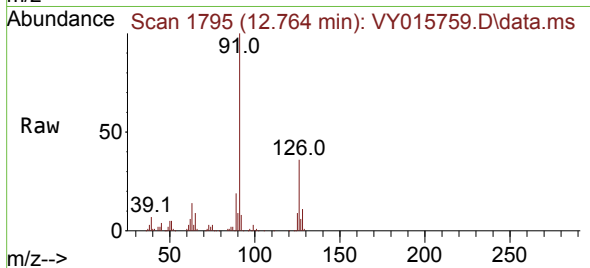




#79
2-Chlorotoluene
Concen: 17.224 ug/l
RT: 12.764 min Scan# 119228
Delta R.T. 0.013 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

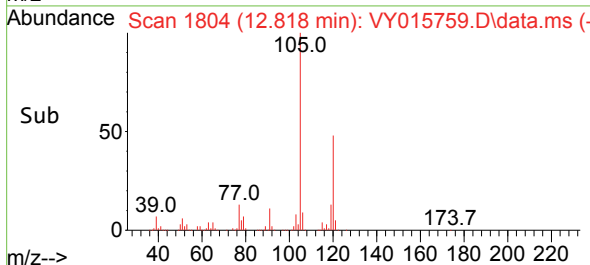
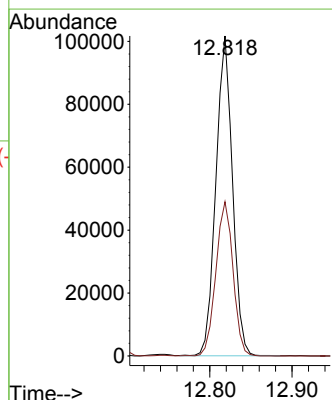
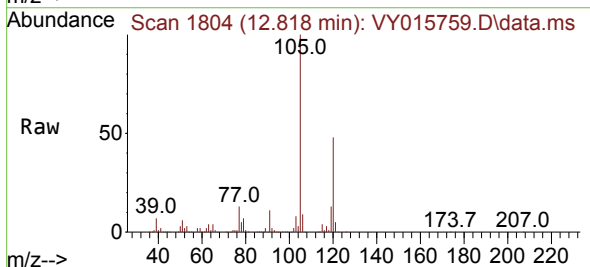
Instrument :
MSVOA_Y
ClientSampleId :

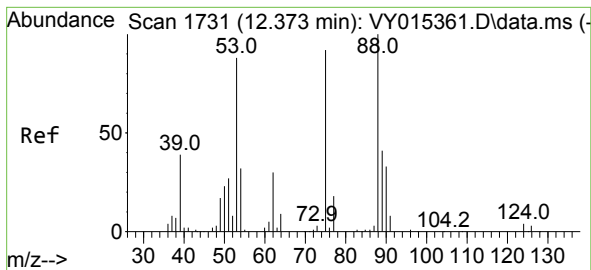
Tgt Ion: 91 Resp: 119228
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 17.044 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 105 Resp: 142628
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

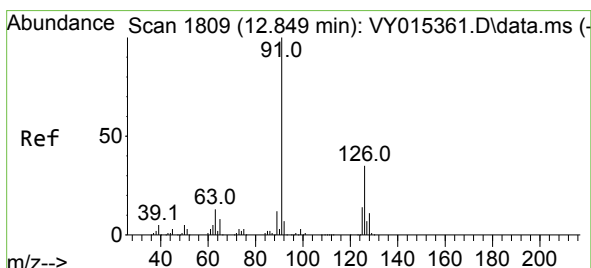
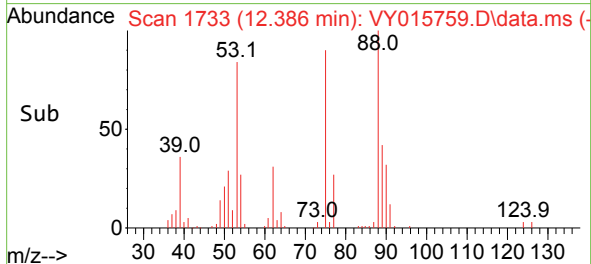
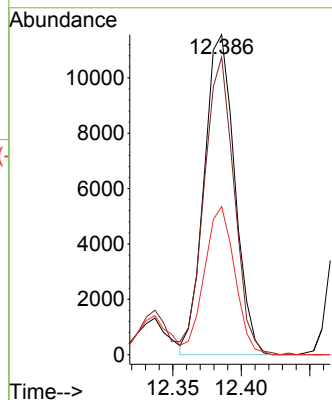
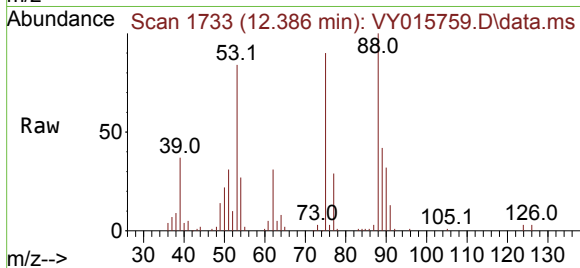




#81
trans-1,4-Dichloro-2-butene
Concen: 18.985 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

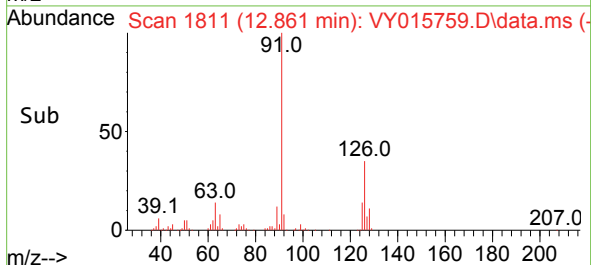
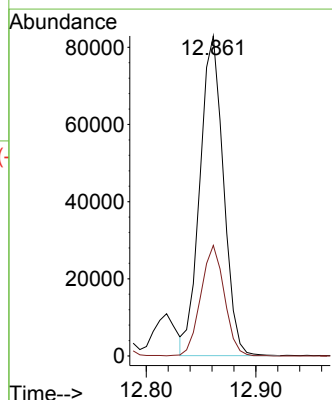
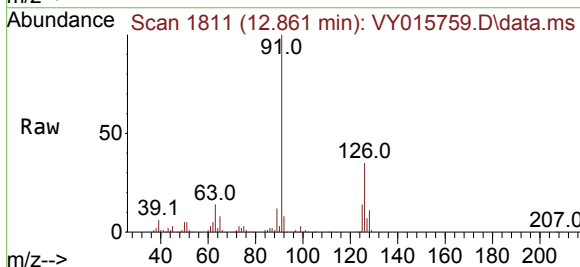
Instrument :
MSVOA_Y
ClientSampleId :

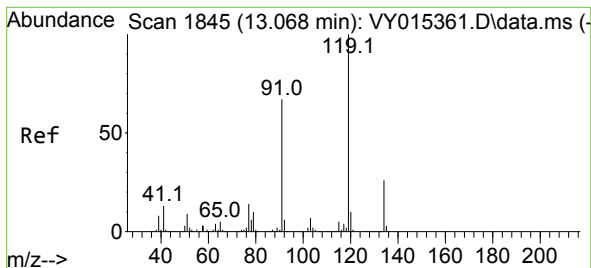
Tgt Ion: 75 Resp: 17922
Ion Ratio Lower Upper
75 100
53 91.2 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 17.120 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion: 91 Resp: 123717
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.429 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

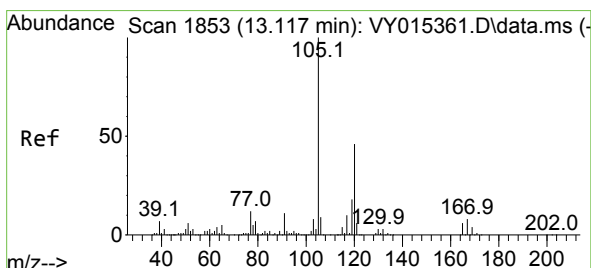
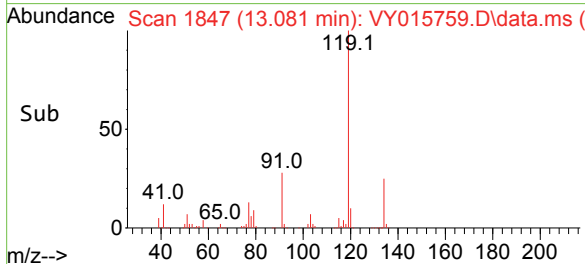
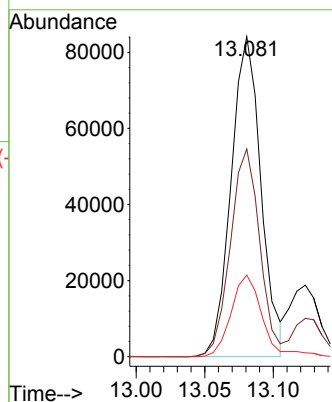
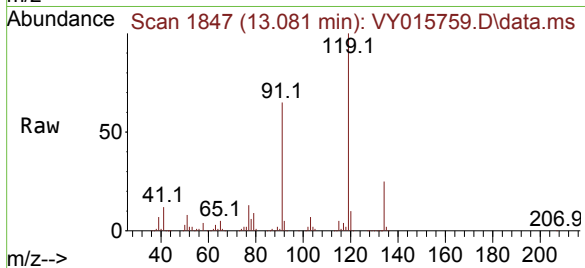
Tgt Ion:119 Resp: 127744

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 17.286 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015759.D

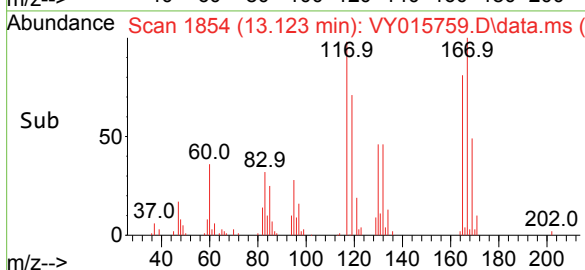
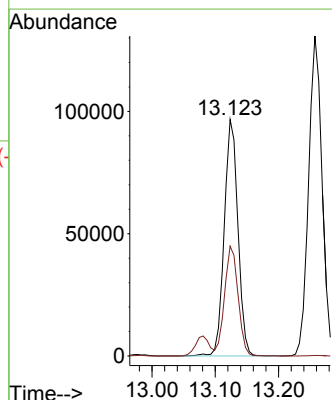
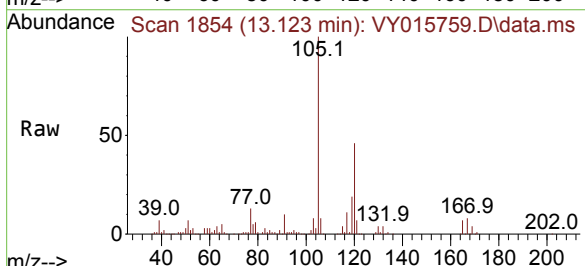
Acq: 29 Sep 2023 17:24

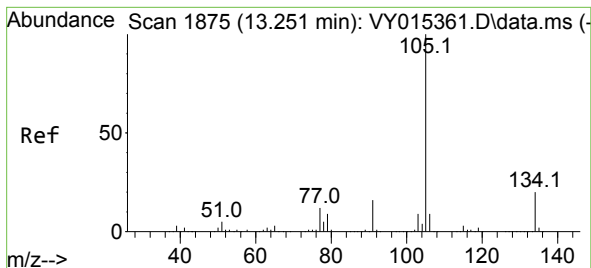
Tgt Ion:105 Resp: 144735

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 17.581 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

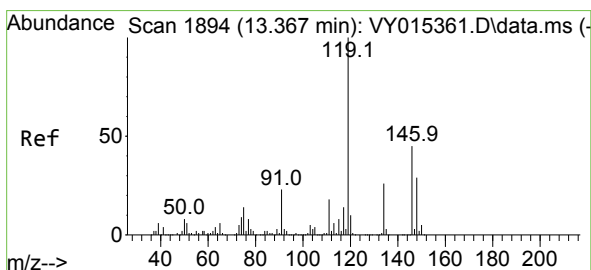
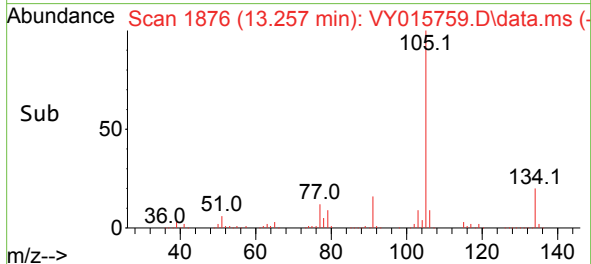
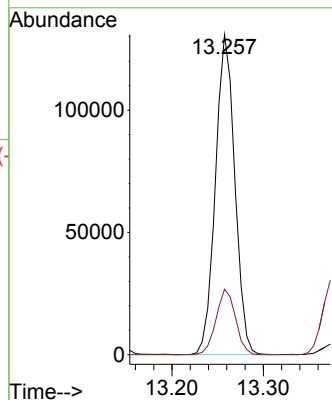
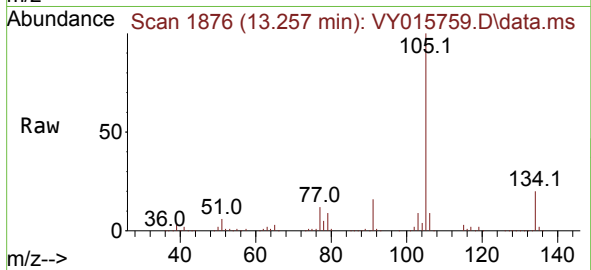
ClientSampleId :

Tgt Ion:105 Resp: 192838

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 17.542 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

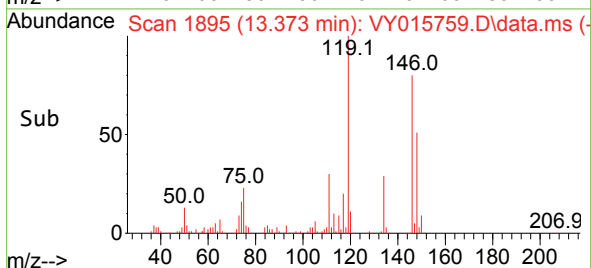
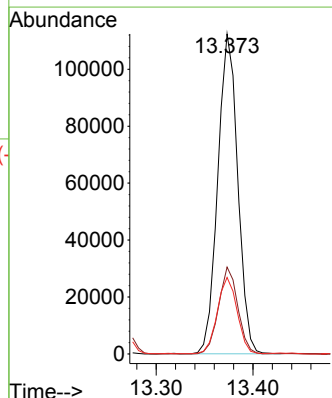
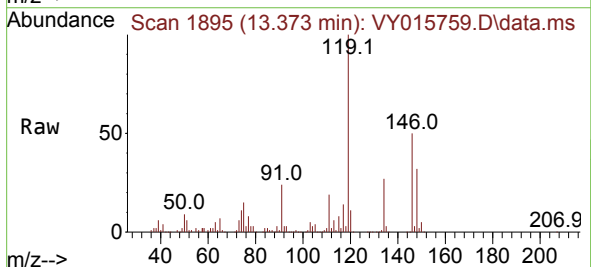
Tgt Ion:119 Resp: 160728

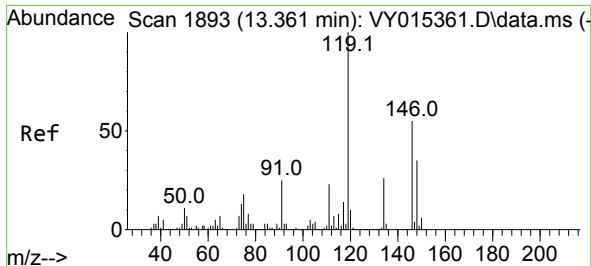
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.6 12.4 37.4

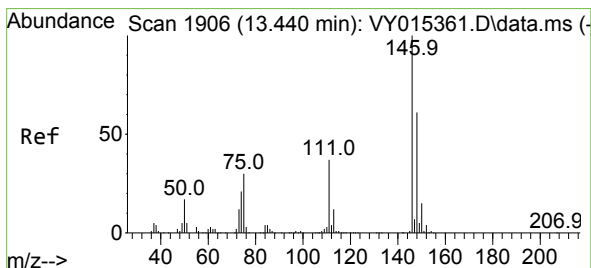
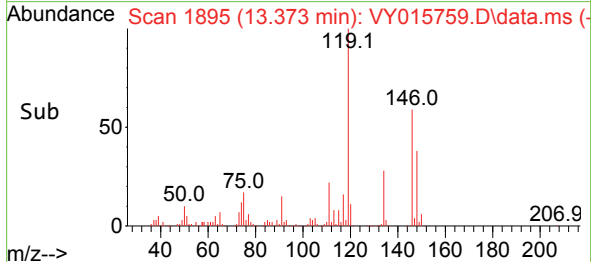
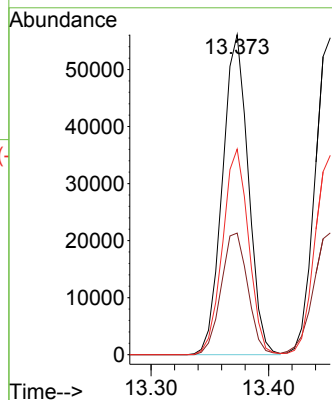
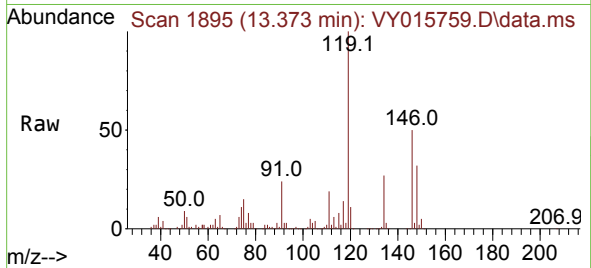




#87
1,3-Dichlorobenzene
Concen: 17.629 ug/l
RT: 13.373 min Scan# 1893
Delta R.T. 0.012 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

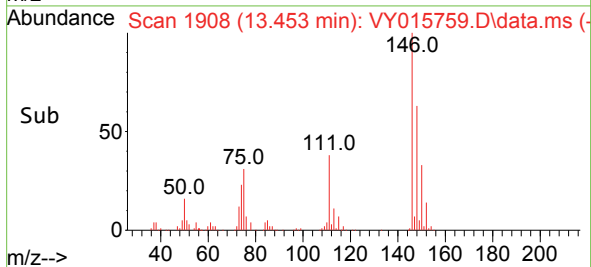
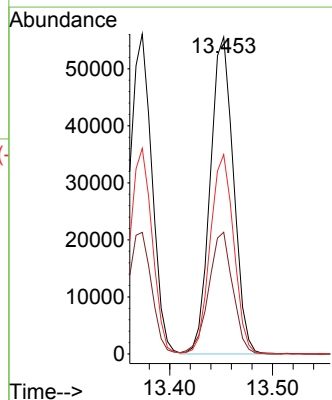
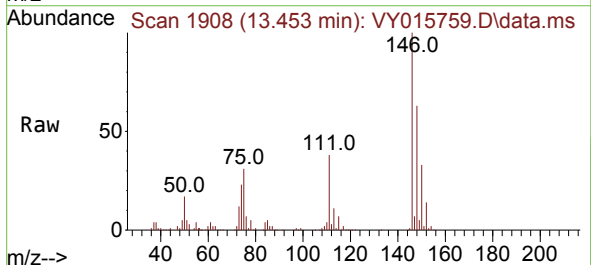
Instrument :
MSVOA_Y
ClientSampleId :

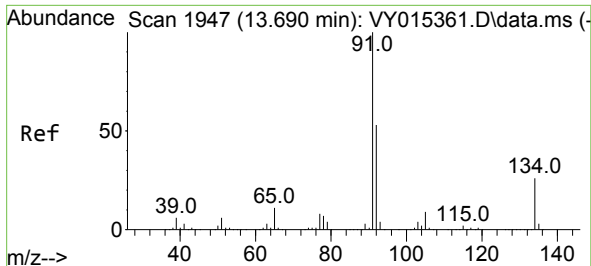
Tgt Ion:146 Resp: 85817
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 64.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 17.943 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY015759.D
Acq: 29 Sep 2023 17:24

Tgt Ion:146 Resp: 87356
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 17.685 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

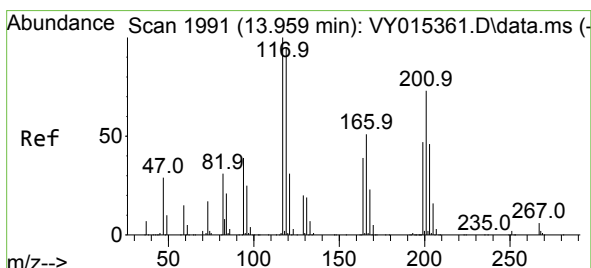
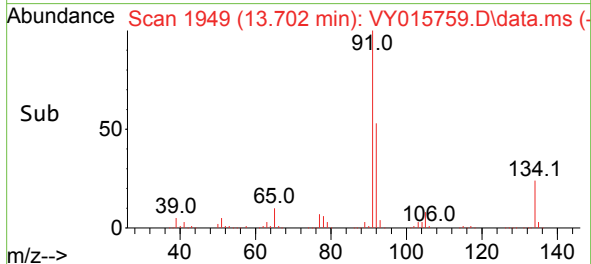
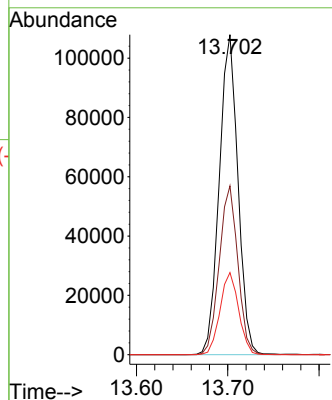
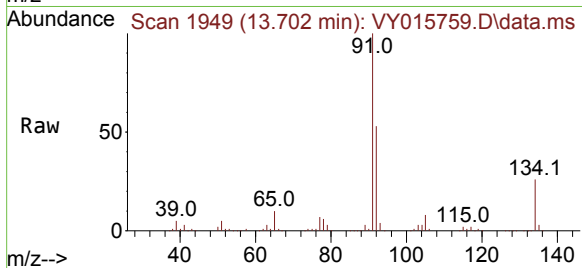
Tgt Ion: 91 Resp: 153437

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 25.6 12.6 37.6



#90

Hexachloroethane

Concen: 17.754 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015759.D

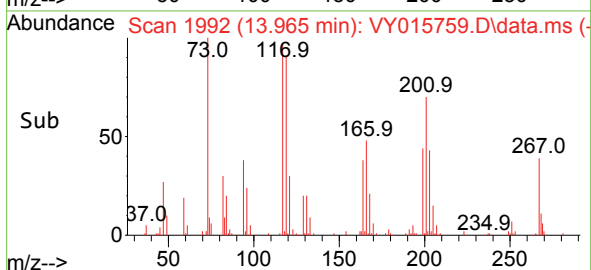
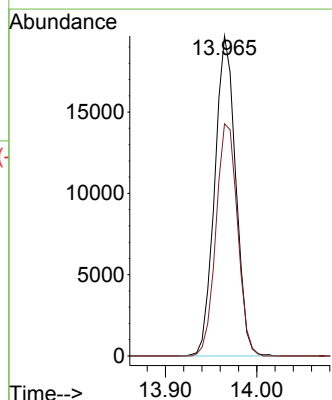
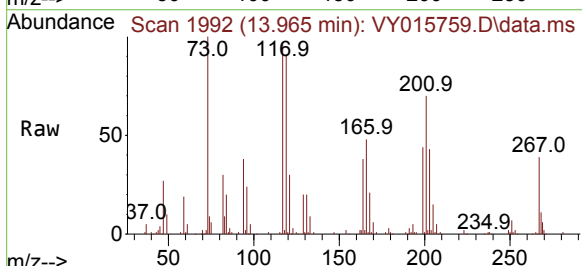
Acq: 29 Sep 2023 17:24

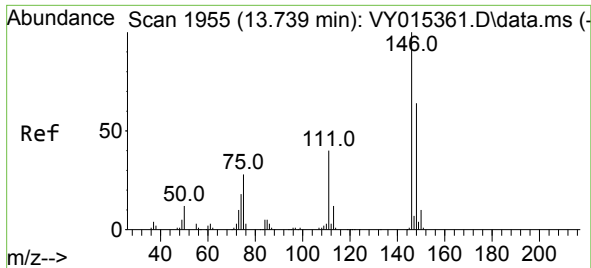
Tgt Ion: 117 Resp: 31395

Ion Ratio Lower Upper

117 100

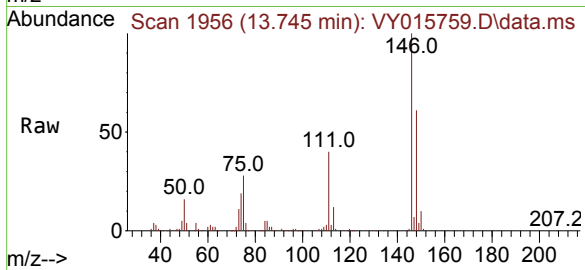
201 74.7 41.6 124.8



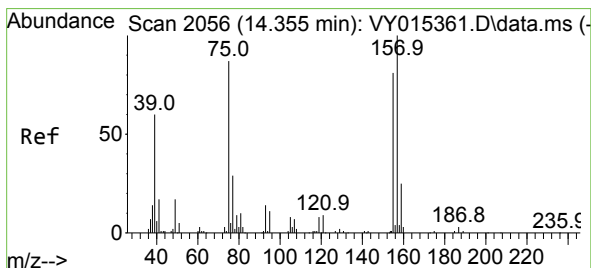
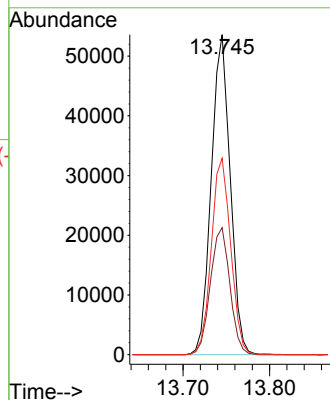
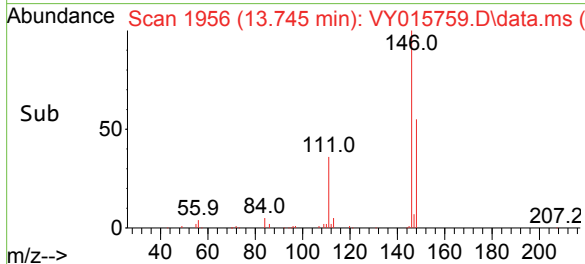


#91
 1,2-Dichlorobenzene
 Concen: 18.125 ug/l
 RT: 13.745 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24

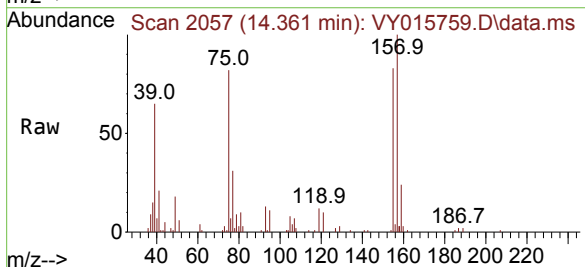
Instrument :
 MSVOA_Y
 ClientSampleId :



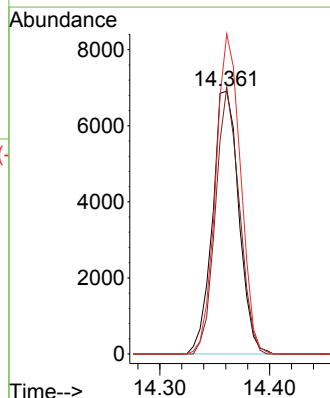
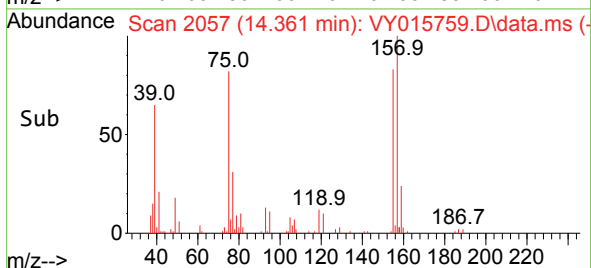
Tgt Ion:146 Resp: 81447
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.7 59.0
 148 62.8 32.0 96.2

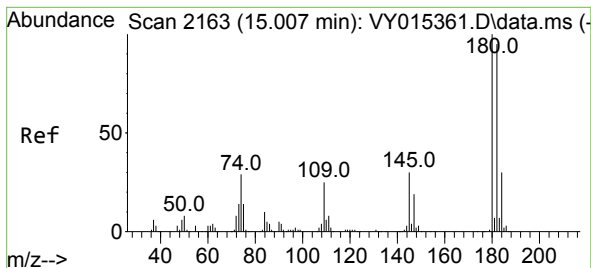


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.918 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY015759.D
 Acq: 29 Sep 2023 17:24



Tgt Ion: 75 Resp: 11558
 Ion Ratio Lower Upper
 75 100
 155 91.0 41.5 124.6
 157 114.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.193 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

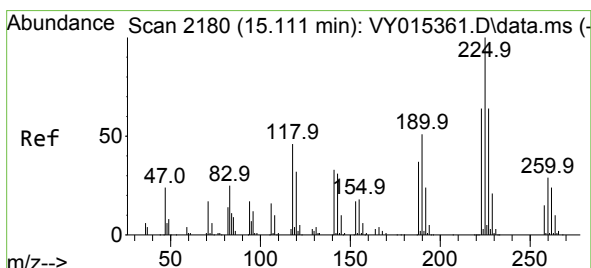
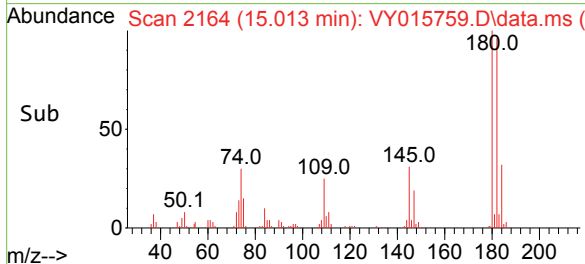
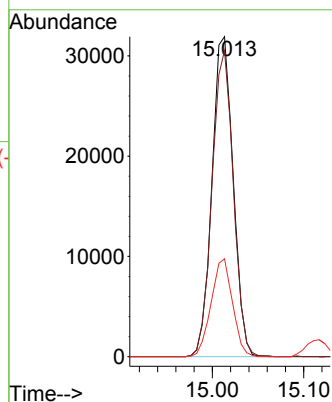
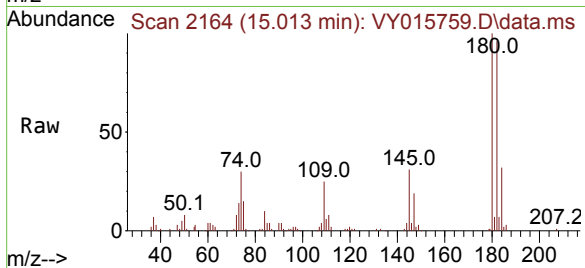
Tgt Ion:180 Resp: 51467

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.828 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

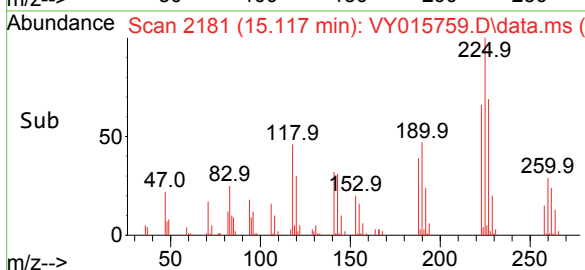
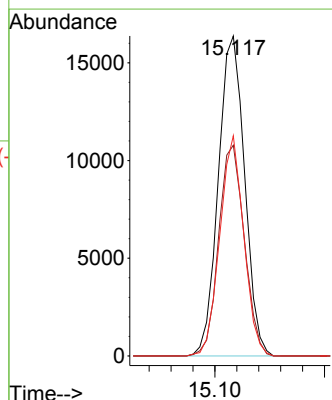
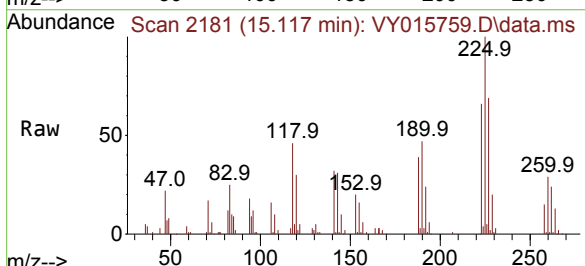
Tgt Ion:225 Resp: 27277

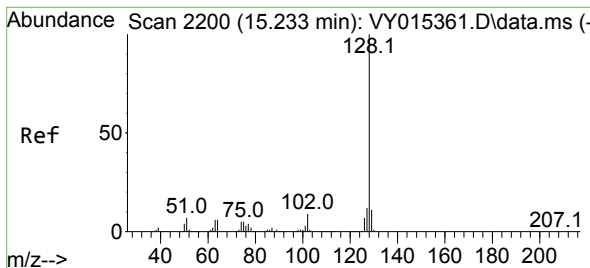
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 20.015 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015759.D

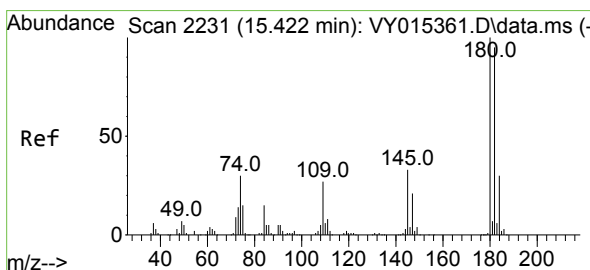
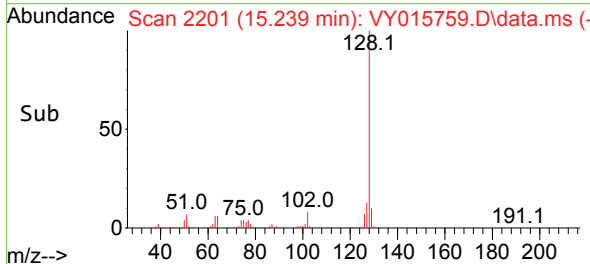
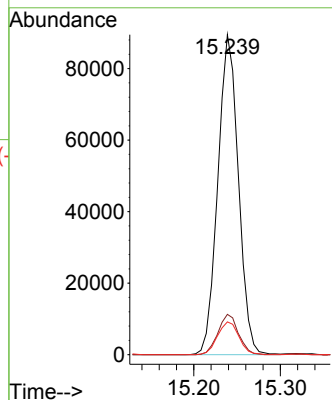
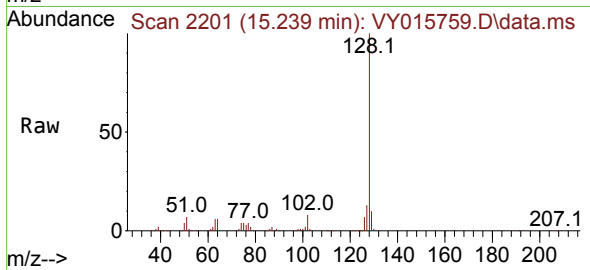
Acq: 29 Sep 2023 17:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 147645
Ion Ratio	Lower Upper
128	100
127	12.6 10.8 16.2
129	10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.913 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015759.D

Acq: 29 Sep 2023 17:24

Tgt Ion:180	Resp: 49382
Ion Ratio	Lower Upper
180	100
182	96.0 47.3 141.8
145	32.5 15.4 46.2

